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A S I D E   F R O M



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THE ACCELERATED PROGRAM

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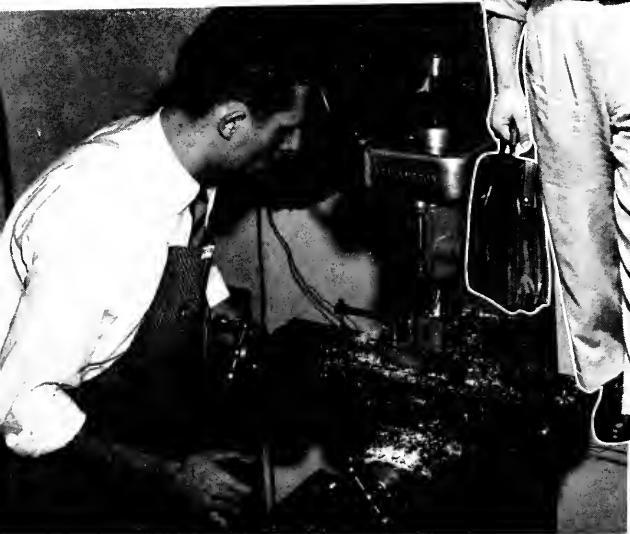




RELAXFUL BEAUTY INSPIRES

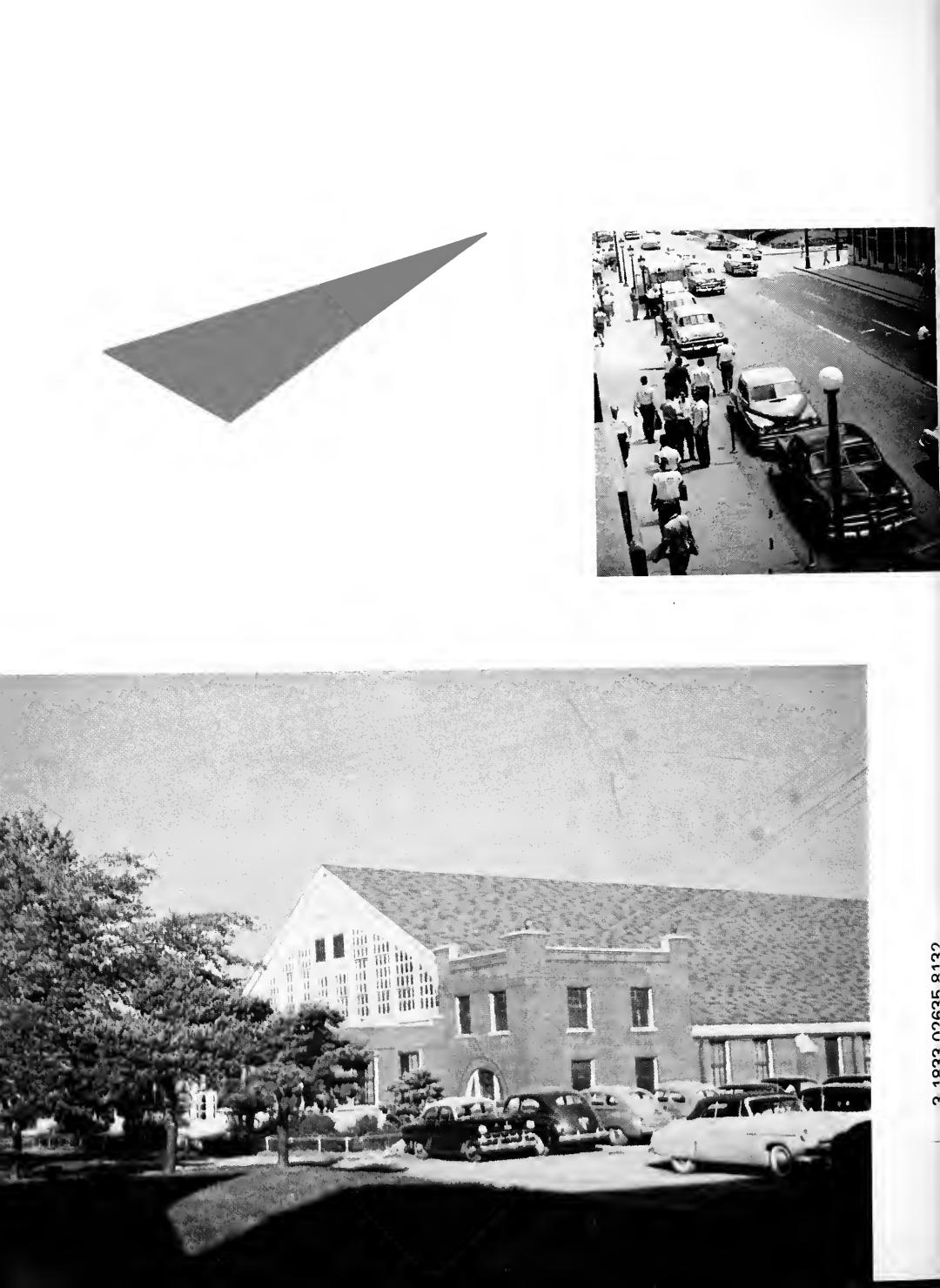






# THE THOUGHT OF HARD STUDY





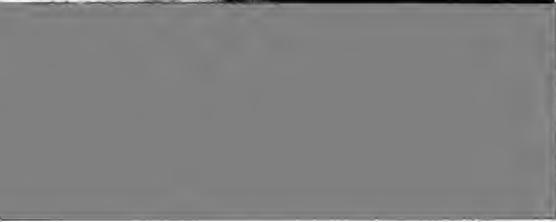
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THE ACHIEVEMENT  
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PLACES



# THE FUTURE IN SIGHT

MR. ROBERT W. NIEMEYER  
B.S.M.E. '42



MR. RICHARD J. ERB  
B.S.C.E., '34



MR. RICHARD E. SMITH  
B.S.C.E., '49



MR. HARVEY UNGER  
B.S.C.E., '50





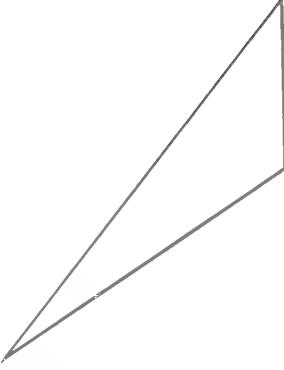
THERMO

PHYSICS

ENG

APPL

the old GRIT



ADMINISTRATION  
AND FACULTY

# T H E P R E S I D E N T



DR. ARCHIE T. KEENE

We who work in the field of science are proud of the accomplishments of our engineers, scientists and research technicians. Today's atomic reactors, guided missiles, rocket propulsion, automation, and medical advancements are dramatic evidence of the scientific intelligence of our age.

Our rectitude appears less worthy. Can our morals, our sense of values, our philosophy of living keep pace with scientific acceleration? Therein lies the answer to our future.



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Secretary



MR. ROBERT C. RUHL  
Dean

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MR. C. A. OVERHOLT  
Treasurer and Business Manager

DR. HOWARD P. SMITH  
Director of Student Industrial Relations



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**GEZA S. GEIDEON**, General Engineering Subjects; M.E., Doctor of Aeronautical Science, Technical University, Budapest. Awarded Jeremiah Smith Scholarship. Formerly Lecturer in School of Advanced Engineering Studies, Technical University, Budapest; Aircraft Design Engineer, Breguet Aircraft Corporation, Paris, France.

## Second Row:

**ROBERT MARSHALL**, General Engineering Subjects; University of Denver, B.S.Ae.E., Indiana Technical College; Advanced Studies Indiana University.



**ROBERT M. RIPPEY**, Mathematics and Science; M.A., University of Chicago; Graduate Studies at M.I.T.

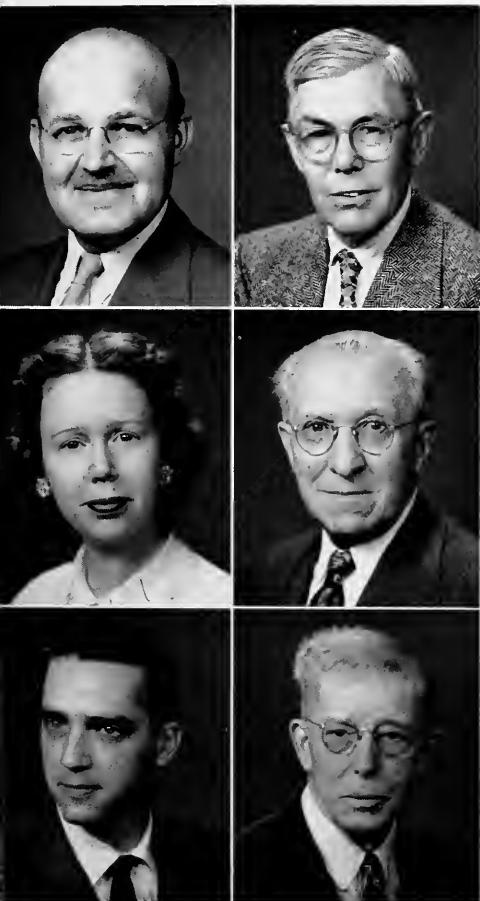
## Third Row:

**LEONARD R. ETTER**, Science and Mathematics; B.S.Ch.E., Indiana Technical College M.A. (Physics) Indiana University. Extensive Work in Cosmic Ray Research.



**A. WAYNE SHEPHERDSON**, Mathematics and Physics; B.S., Huntington College; M.S. (Math.) Michigan State College; formerly Instructor Purdue University and Huntington College.

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**GARVER C. WRIGHT**, Mathematics and Chemistry; Ball State Teacher's College. Engineer, Joslyn Manufacturing and Supply Company.

## Second Row:

**ELIZABETH SNOW WOLF** (Mrs.), Mathematics; B.S. in Ed., University of Virginia; M.A. in Mathematics, University of North Carolina; Graduate Studies in Physics, University of South Carolina; formerly Instructor of Mathematics, University of North Carolina and University of South Carolina.

**FRED H. CRONINGER**, Mathematics; B.S., Heidelberg College; M.A., Columbia University.

## Third Row:

**LEE ROY ULLERY, JR.**, Physics; B.S., M.S., Notre Dame; Research Physicist, Capehart-Farnsworth Corp.

**CHARLES D. DILTS**, Chemistry; B.S., Marion Normal College; A.B., Indiana State College; M.A., Indiana University.

# F A C U L T Y

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**EARL D. MAYER**, English; B.A., B.S. in Ed., M.A., Ohio State University.



## Second Row:

**MARY C. SMITH** (Mrs.), English; Oberlin College; A.B., Smith College; M.A., University of California; Graduate Studies, Northwestern University and Harvard University.

**SARA R. STIRLING** (Miss), English; A.B., Ball State Teachers College; M.S., Indiana University.



## Third Row:

**DOROTHY RIDGEWAY** (Miss), Mathematics; A.B., Indiana University; M.A., University of Michigan.

**DORIS SHEPHERDSON** (Mrs.), Mathematics; A.B., Huntington College.



# FACULTY



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**LEE F. BERNHARDT**, Engineering Drawing; P.E., (Mechanical and Electrical Engineering). Consulting Engineer; formerly Supervisor of Design, General Electric Company, Supercharger Division.

## Second Row:

**WILLIAM DANFORD**, Engineering Drawing; Design Draftsman, General Electric Company.

**RAYMOND S. BEIGHTS**, Glee Club Director; B.M. and M.M., Indiana University.

## Third Row:

**GEORGE E. FRUECHTENICHT**, Engineering Law; B.A., DePauw University; J.D., Northwestern University Law School; Attorney-at-Law.

**EDWIN J. GRAHAM**, Industrial Management; Industrial Consultant; formerly Staff Assistant to the Manager, General Electric Company, Fort Wayne Branch.

## Fourth Row:

**MICHAEL BATZ**, Chemical Engineering; B.S.Ch.e., Indiana Technical College, Chemical Engineer, Fort Wayne Filtration Plant.

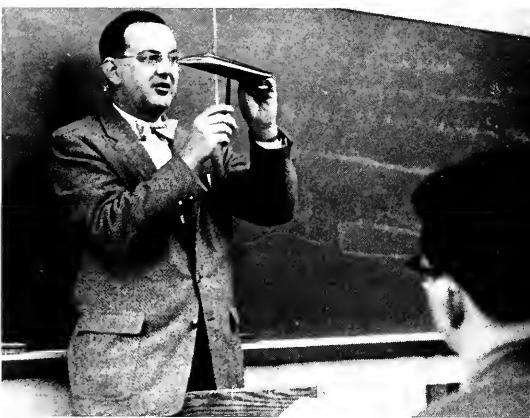
**ORA DAVIS**, Mathematics; A.B., Ball State Teachers College; Graduate School, Arizona State College, M.A., University of Michigan.



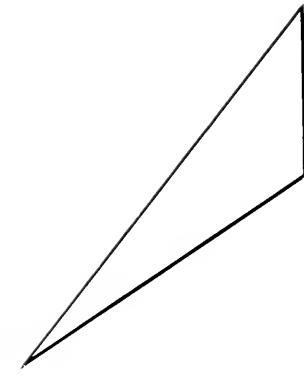
The



# Faculty







GRADUATES

JAMES B. ALVES  
DURWARD G. BRADLEY  
GERALD RICHARD BREMMER  
CHARLES D. BRYANT



**First Row:**

**JAMES B. ALVES**, B.S.C.E.; Long Island, N.Y.; A.C.E., Treasurer; Varsity Tennis, Soccer.

**DURWARD G. BRADLEY**, B.S.M.E.; Lyles, Tennessee; Mechanical Club; Treasurer; Vice-Chairman, Chairman, Executive Committee; Student Council; Intramural Soft Ball, Basketball; Open House.

**GERALD RICHARD BREMMER**, B.S.M.E.; Grand Haven, Michigan; A.S.M.E.; S.A.E., President; Vice-President, Secretary, Treasurer; Student Council (3), Treasurer (1); Yearbook (2), Assistant Advertising Manager (1), Write-up Editor (1); Student Relations Committee.

**CHARLES D. BRYANT**, B.S.R.E. & B.S.E.E.; Summit Hill, Pennsylvania; Student Council (2); President's List (6).

**Second Row:**

**LEON CIFUENTES**, B.S.C.E.; Fort Wayne, Indiana; A.C.E.

**HAROLD VERNON COFFMAN**, B.S.Ae.E.; Bourbon, Missouri; I.A.S., Chairman; Sigma Phi Delta; Flying Club,

President; Student Council (4), President (1); Intramural Basketball, Bowling League, Treasurer (1); President's List (1).

**BETHEL H. DAVIS**, B.S. M.E.; Chauncey, Georgia; A.S.M.E.; Varsity Basketball.

**PHILIP FINET**, B.S.M.E.; Danville, Illinois; President's List (2).

**Third Row:**

**JAMES BASNETT GUNRAJ**, B.S.C.E.; Br. Guiana, S.A.; A.C.E.; Cosmopolitan Club, Secretary; Alternate Student Council; Lawn Tennis; President's list (5).

**LUIS GUZMAN**, B.S.Ch.E.; Colombia, S.A.; A.C.S.; Phi Iota Alpha; Ch. Epsilon Tau; Honor Roll.

**CHARLES C. KALNIN**, B.S.C.E.; Chicago, Ill.; A.C.E.; Varsity Soccer; President's List (3); Honor Roll.

**SOLOMON KRAMER**, B.S.C.E.; Elizabeth, N.J.; A.C.E., Vice-President (1), Secretary (1); Flying Club; Student Council, Vice-President (1); Bowling Team and Rifle Team.

First Row:

**ENRIQUE LUNA**, B.S.C.E.; Colombia, S.A.; A.C.E.

**VERNIS H. MEYER**, B.S.M.E.; Baileyville, Kansas; Executive Committee, (1) A.S.M.E.; Vice-President Junior Class; Student Council, Secretary; Open House.

**JACK MITCHELL**, B.S.M.E.; Letts, Iowa; Kappa Sigma Kappa; Inter Frat Council, Secretary, Treasurer; Varsity Basketball.

**MAHMOOD MOHSEM**, B.S.C.E.; Fort Wayne, Indiana; A.C.E.; President's List (3).

Second Row:

**DONALD J. NUNAMAKER**, B.S.C.E.; Osterburg, Pennsylvania; A.C.E., Secretary (1), Treasurer (1); Varsity Baseball (2); Fencing Team; President's List (2).

**RAFAEL PIZARRO**, B.S.C.E.; Cali, Colombia, S.A.; A.C.E.

**WAYNE SCOTT RIAL**, B.S.R.E.; Batavia, N. Y.; S.A.R.E.; President's List (1).

**ANATOL RYCHALSKI**, B.S.C.E.; Chicago, Ill.; A.C.E.; Caswell Engineering Drawing Award.

Third Row:

**WILLIAM SALSBURY**, B.S.M.E.; Caseyville, Ill.; President's List (4); Student Instructor, Phy 31A (6), Phy 21A (2), ED 11 (1); Open House (1).

**LLOYD SELLERS**, B.S.R.E.; Lancaster, Pennsylvania; Kappa Sigma Kappa; Sgt. At Arms, Secretary; Inter Frat Council, Treasurer, Secretary; Manager of Softball Team.

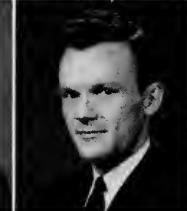
**NICHELAS SZABAT**, B.S.E.E.; Hartford, Connecticut; Alpha Gamma Upsilon, President, Secretary, Pledgemaster; Technician Staff, Sport's Editor, Reporter, Cartoonist; Intramural Bowling, Softball, Swimming, Basketball; Inter Frat Softball.

**LEONG WUN**, B.S.R.E.; Manteca, California; S.A.R.E. (4).

# THE SENIOR CLASS



ENRIQUE LUNA  
VERNIS H. MEYER  
JACK MITCHELL  
MAHMOOD MOHSEM



DONALD J. NUNAMAKER  
RAFAEL PIZARRO  
WAYNE SCOTT RIAL  
ANATOL RYCHALSKI



WILLIAM SALSBURY  
LLOYD SELLERS  
NICHELAS SZABAT  
LEONG WUN

TURHAN AK  
FRANK CIRILLO  
CHARLES H. DANCE  
THEODORE H. DENNING



First Row:

**TURHAN AK**, B.S.C.E.; Istanbul, Turkey; President's List (3).

**FRANK CIRILLO**, B.S.C.E.; Newburgh, N. Y.; A.C.E.

**CHARLES H. DANCE**, B.S.M.E.; New Castle, Pennsylvania; A.S.M.E.

**THEODORE H. DENNING**, J.R., B.S.M.E.; St. Meinrad, Indiana; President's List (1); Kappa Sigma Kappa, President, Vice-President; Student Council (3); Secretary (2); Manager Varsity Basketball (1); Honor Roll (4).

Second Row:

**WILLIAM GARY DENNSFORD**, B.S.E.E.; Columbus, Indiana, A.I.E.E.; Rifle Club; Student Council; President's List (4); Honor Roll (2).

**MICHAEL J. DILLON**, B.S.C.E.; Elizabeth, New Jersey; A.C.E., Treasurer; Vice-President Junior Class; Sigma Phi Delta; Student Council; Intramural Softball and Basketball.

**FRANCIS RAY DUNN**, B.S.M.E.; Monroe, Iowa.

**DUANE MARVIN EAGEN**, B.S.M.E.; Clinton, Iowa; A.S.M.E.; S.A.E.; Student Council; President's List (1).

Third Row:

**CARMELO FERRARIO**, B.S.E.E. & B.S.R.E.; Beaver Falls, Pennsylvania; Sigma Phi Delta; Kekiongan Variety Club, Vice-President; Yearbook (2); Ass't Advertising Mgr., Associate Editor; Technician Staff (2), Reporter, Make-up Editor; Boxing Team; Softball, Inter Frat Council, Radio Dept.; President's List (3); Open House.

**FERNAND LOUIS GAGNON**, B.S.E.E. & B.S.R.E.; Lewiston, Maine; A.I.E.E.; Honor Roll (3); Instructor Assistant, RE 111-A, EE 110, Phy 41 (1); Supervisor Electrical Laboratory (Open House).

**CHARLES MARTIN GIONET**, B.S.C.E.; Shirley, Mass.; A.C.E.; Intramural Softball.

**GERHARD K. F. HAASE**, B.S.Ae.E. & B.S.M.E.; Fort Wayne, Ind.; I.A.S.; Flying Club; Secretary-Treasurer, Junior Class; Iota Tau Kappa; President's List (6); Wind Tunnel Laboratory Assistant (3); A.R.S.

**First Row:**

**ALBERT HARADSKY**, B.S.E.E.; Duquesne, Pennsylvania; A.I.E.E.; Kappa Sigma Phi, Secretary, Corresponding Secretary; President's List (8).

**JOSEPH FEDELE IACOVO**, B.S.Ae.E.; West Orange, New Jersey; I.A.S.; A.G.U.; Flying Club; Male Chorus; Bowling; Water Polo; Student Council; Intramural Baseball & Swimming.

**ARCADY B. IWASKIW**, B.S.E.E.; So. Plainfield, N. J.; S.A.R.E.; A.I.E.E.; President's List (7).

**EDDY JERRY JOHNSON**, B.S.Ae.E.; Montreal, Canada; I.A.S.; S.A.E.

**Second Row:**

**GERALD W. KENEALEY**, B.S.M.E.; Minneapolis, Minnesota; A.S.M.E.; S.A.E., Chairman.

**ERICK F. KOEHLING**, B.S.M.E.; Elburn, Illinois; A.S.M.E.; Intramural Basketball.

**STANLEY J. KROKOS**, B.S.R.E.; Baltimore, Maryland.

**GEORGE LASHINSKY**, B.S.R.E. & B.S.E.E.; Windber, Pennsylvania; S.A.R.E.; Sigma Phi Delta; President's List (3).

**Third Row:**

**HAROLD E. LEE**, B.S.E.E.; Bidwell, Ohio; A.I.E.E.; Sigma Phi Delta, Chaplain; President, Sophomore Class; Student Council (4); Secretary (1); A.I.E.E. Softball Team Manager; Iota Tau Kappa, Honor Roll (1), President's List (3); Open House.

**JACK C. LENSER**, B.S.M.E.; Oil City, Pennsylvania; Vice-President; Junior Class; Executive Committee, A.S.M.E. (2).

**STANLEY LEVINE**, B.S.E.E.; Brooklyn, N. Y.; A.I.E.E., Chairman, Treasurer; S.A.E.; A.S.R.E.; Male Chorus (1); Chairman, Open House; President's List (2); Red Cross Mobile Unit, Chairman.

**WALLACE LOFTUS**, B.S.R.E.; Moores Hill, Indiana; Student Council (2).

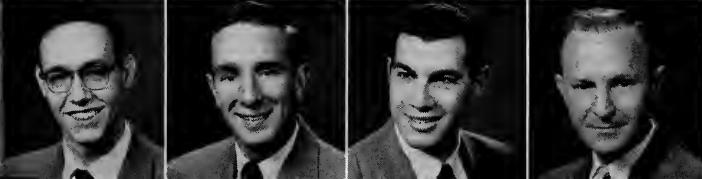
# THE SENIOR CLASS



ALBERT HARADSKY  
JOSEPH FEDELE IACOVO  
ARCADY B. IWASKIW  
EDDY JERRY JOHNSON



GERALD W. KENEALEY  
ERICK F. KOEHLING  
STANLEY J. KROKOS  
GEORGE LASHINSKY



HAROLD E. LEE  
JACK C. LENSER  
STANLEY LEVINE  
WALLACE LOFTUS

JOSE S. MAIZ  
HAROLD STEWART MARCH  
JOE MARKS  
PATRICK EDWARD MARRON



First Row:

**JOSE S. MAIZ**, B.S.E.E.; New York, N. Y.; P.I.A.; Secretary; A.I.E.E.; Honor Roll (9).

**HAROLD STEWART MARCH**, B.S.M.E.; Fort Wayne, Indiana.

**JOE MARKS**, B.S.E.E.; Fort Wayne, Indiana; A.I.E.E.; A.G.U.; Varsity Basketball (3); Intramural Basketball (1).

**PATRICK EDWARD MARRON**, B.S.M.E.; Fort Wayne; A.S.M.E.; Sigma Phi Delta; Intramural Basketball & Softball; President's List (6).

Second Row:

**JOSEPH SIGITAS MIKUCKIS**, B.S.R.E.; Yonkers, New York; S.A.R.E.; Camera Club; President's List (4).

**MARSHALL L. MILESTONE**, B.S.Ae.E.; Pomona, California; President's List; Student Instructor, Math B (1); I.A.S.

**JAMES EDWARD MORRISON**, B.S.E.E.; Fort Wayne, Indiana; Varsity Baseball (2); Intramural Swimming Team (3); Basketball (1), Bowling Club (1); Assistant Instructor T.V. Familiarization Course; Open House.

**HARRY L. PETERSON**, B.S.C.E.; Morris, Ill.; A.C.E.; Sigma Phi Delta; President's List (1).

Third Row:

**DONALD E. POUCHER**, B.S.Ae.E.; Clermont, New York; I.A.S.; Flying Club; President's List (1).

**WILBUR J. REIDY, JR.**; Speedway, Indiana; S.A.R.E.; Honor Roll (2).

**JOHN C. ROGERS**, B.S.R.E.; Farmington, New Hampshire; S.A.R.E.

**ROLAND A. SIMON**, B.S.R.E.; Massillon, Ohio; S.A.R.E.; K.A.R.C.; Vice-President; Baseball.

**First Row:**

**ALFREDO SINIBALDI**, B.S.Ch.E.; Guatemala.

**VERNON E. SORENSEN**, B.S.C.E.; Fort Dodge, Iowa; A.I.E.E., President; Sigma Phi Delta; Student Council; President, Junior Class, S.M.E.

**ROBERT B. STOCKTON**, B.S.E.E.; Fort Wayne, Indiana; A.I.E.E.; Student Council (1); President's List (4).

**GEORGEAN TAKEHARA**, B.S.E.E.; Wahawa, Oahu, Hawaii; A.I.E.E.; Hawaiian Club, President, Secretary; Bowling Team; Intramural Basketball, Baseball; Open House.

**Second Row:**

**ARNOLD D. VALENCIA**, B.S.E.E. & B.S.R.E.; Azusa, California; S.A.E., Secretary, Vice-President; Sigma Phi Delta; Student Council; Technician, (3) Reporter, Advertising Mgr., Make-up Editor; Yearbook (2), Advertising Mgr., Editor-in-Chief; Kekiongan Feather Award; President's List (2); Open House, Program Chairman, Christmas Convocation.

**TERRY LEE WELTY**, B.S.Ae.E.; Fort Wayne, Indiana; I.A.S., Vice-Chairman; Secretary, Sophomore Class, Intramural Softball, Basketball.

**HARRY J. WHITE**, B.S.M.E. & B.S.C.E.; S.A.E.; A.C.E.; President's List (4).

**ROBERT HAROLD WILLIAMS**, B.S.R.E.; Savannah, Georgia; Student Instructor, EE 120 Lab., Phy 21-A (1).

**Third Row:**

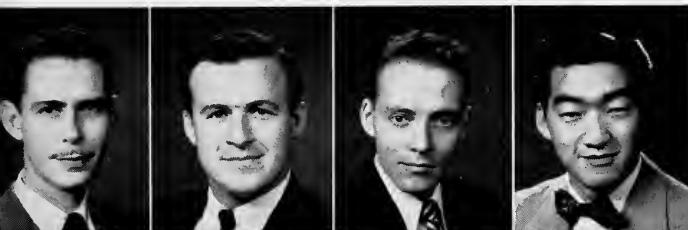
**ROBERT NOLAR WOLFE**, B.S.R.E.; Oak Harbor, Ohio.

**STEVEN T. ADAMS**, B.S.E.E.; New York, N. Y.; Sigma Phi Delta; A.I.E.E.; Soccer Team; President's List (4).

**KEVORK AGOP**, B.S.E.E.; Aleppo, Syria; Kappa Sigma Phi; Male Chorus; Arab Student Club; Nations United Club; President's List (6); Honor Roll (1).

**JOHN REED AKER**, B.S.M.E.; Columbia City, Indiana; President's List (5); Iota Tau Kappa; Honor Roll (1).

# THE SENIOR CLASS



ALFREDO SINIBALDI  
VERNON E. SORENSEN  
ROBERT B. STOCKTON  
GEORGEAN TAKEHARA

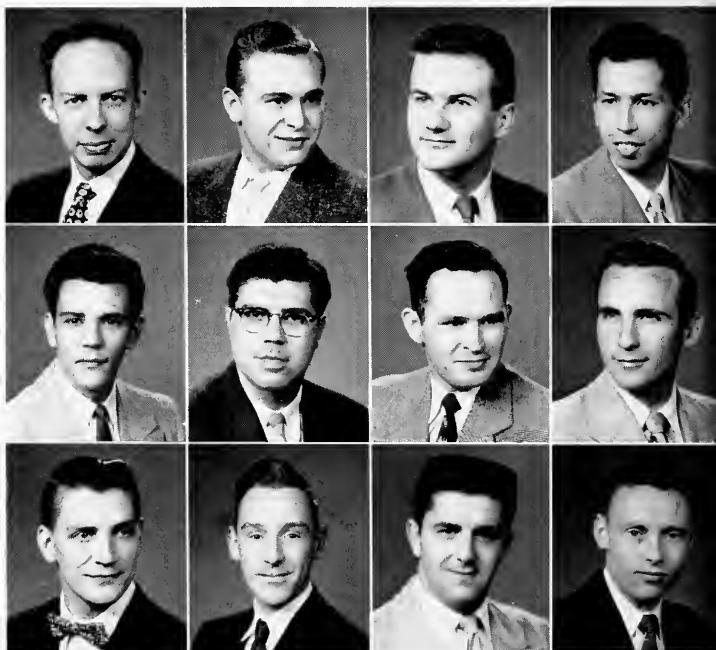


ARNOLD D. VALENCIA  
TERRY LEE WELTY  
HARRY J. WHITE  
ROBERT HAROLD WILLIAMS



ROBERT NOLAR WOLFE  
STEVEN T. ADAMS  
KEVORK AGOP  
JOHN REED AKER

BRUCE BARCLAY  
EUGENE A. BEDNAR  
GUY G. BELANGER  
JORGE BURITICA-BAENA



First Row:

**BRUCE BARCLAY**, B.S.E.E.; Prescott, Arizona; A.I.E.E.; President's List (6).

**EUGENE A. BEIDNAR**, B.S.M.E.; Rayland, Ohio; Kappa Sigma Phi, Treasurer; Student Council; President's List (1); President, Senior Class.

**GUY G. BELANGER**, B.S.C.E.; Quebec, Canada; A.C.E.; Sigma Phi Delta; President's List (1); Open House.

**JORGE BURITICA-BAENA**, B.S.E.E.; Colombia, S.A.; Soccer Team.

Second Row:

**JOSE M. CAMPO**, B.S.C.E.; Colombia, S.A.

**LEWIS J. COOK**, B.S.C.E.; North Benton, Ohio; A.C.E.; President's List (4); Secretary, Freshman Class.

**GEORGE ALONZO CRAIG**, B.S.C.E.; Warren, Indiana; A.C.E.; President's List (3).

**JOSEPH A. CRUSE**, B.S.Ch.E.; Louisville, Ky.; A.C.S.; Chairman, Open House; X.E.T.; Intramural Softball, Basketball; Iota Tau Kappa; President's List (8).

Third Row:

**DHUAINE J. DAVIS**, B.S.E.E.; Glen Ellyn, Ill.; Alpha Gamma Upsilon, Pledge Master (1); Rifle Team (1).

**ROBERT E. DAWLEY**, B.S.E.E. and B.S.R.E.; Hope, Rhode Island; President's List (7); Student Instructor, EE 120 Asst. (3).

**JEAN M. DIONNE**, B.S.C.E.; Edmundston, N.B. Canada; President, Sophomore Class; A.C.E.; Secretary, Open House.

**WAYNE P. ERICKSON**, B.S.M.E.; Grand Junction, Colorado; A.S.M.E.; S.A.E.; Sigma Phi Delta; President's List (3).

**First Row:**

**HENRY DANIEL EWANCHOOK**, B.S.C.E.; Swift Current, Sask., Canada; A.C.E.; Camera Club, Secretary, Treasurer; Male Chorus (1); Iota Tau Kappa; Caswell Drawing Award; President's List (8); Asst. Student Instructor, Phy. 31A (1).

**RICHARD E. FILARSKY**, B.S.E.E.; Mentone, Indiana; Sigma Phi Delta, Guide; S.A.R.E. (1); Frat. Bowling, Softball; Elect. Dpt. Basketball; President's List (1).

**HAROLD SAUM FORD**, B.S.C.E.; Cumberland, Maryland; A.C.E.; Alpha Gamma Upsilon, Secretary-Treasurer; Intramural Basketball, Softball; Honor Roll (5).

**RONALD JOS. FULAYTER**, B.S.Ae.E.; Cedar Lake, Indiana; I.A.S.; Kappa Sigma Phi, Secretary; Independent Party, Secretary; Technician Staff, Reporter (1), News Editor (2), Managing Editor (1); Asst. Managing Editor (1); Student Council (1); President, Senior Class; Secretary, Junior Class; Male Chorus (5).

**Second Row:**

**ROBERT N. GEER**, B.S.R.E.; Van Nuys, California; S.A.R.E.; Camera Club; President's List (5); Iota Tau Kappa; Asst. Instructor, Phy. 21A, 31A, 41-A, (1).

**SUBHAS CHANDRA GHORAL**, B.S.C.E. and B.S.Ae.E.; West Bengal, India; S.C.E.; Iota Tau Kappa; Honor Roll (8); Nation United Club; Tennis, Soccer.

**JAMES W. GODWIN**, B.S.R.E.; Portland, Oregon; President's List (5).

**PAUL D. HANCOCK**, B.S.R.E.; Hays, Kansas; Sigma Phi Delta, Secretary; K.A.R.C., Secretary; Technician Staff, Intramural Champs, Intracollegiate Champs, Male Chorus; Feature Writer (9); Bowling (3), Intramural Team Captain; (1); Open House.

**Third Row:**

**ALLEN EDWARD HEMMINGER**, B.S.M.E.; Oak Harbor Ohio; S.A.E.; A.S.M.E.; Tennis, Intramural Basketball.

**GEORGE HONCZARENKO**, B.S.Ae.E.; Cleveland, Ohio; I.A.S.; Nation United Club; Soccer Team; Intramural Volleyball; President's List (1).

**LOUIS MARIO IACONA**, B.S.C.E.; Buffalo, N. Y.; A.C.E., President, Vice-President; Kappa Sigma Phi, Correspondent Secretary; Fraternity Bowling Team.

**HARRY E. JOHNSTON**, B.S.M.E.; Bradford, Pennsylvania; A.S.M.E.; Rifle Club; Flying Club; Open House.

# THE SENIOR CLASS



**HENRY DANIEL EWANCHOOK**  
**RICHARD E. FILARSKY**  
**HAROLD SAUM FORD**  
**RONALD JOS. FULAYTER**



**ROBERT N. GEER**  
**SUBHAS CHANDRA GHORAL**  
**JAMES W. GODWIN**  
**PAUL D. HANCOCK**



**ALLEN EDWARD HEMMINGER**  
**GEORGE HONCZARENKO**  
**LOUIS MARIO IACONA**  
**HARRY E. JOHNSTON**

NaSUH KHATIB  
TOM T. KITANO  
FRANK WILLIAM LAYTON  
EDWARD L. LEEKA



**First Row:**

**NaSUH KHATIB**, B.S.M.E.; Damascus, Syria; A.S.M.E.; Camera Club.

**TOM T. KITANO**, B.S.M.E.; Fort Wayne, Indiana; A.S.M.E.; Hawaiian Club, President; Sports Chairman; Student Council; Intramural Bowling, Softball, Basketball; Secretary-Treasurer, Sophomore Class; President's List (1).

**FRANK WILLIAM LAYTON**, B.S.E.E.; St. Vital, Canada; S.A.R.E.; Honor Roll (3).

**EDWARD L. LEEKA**, B.S.R.E.; Union City, Indiana; S.A.R.E.; Treasurer, Senior Class; Honor Roll (1); Open House (2).

**Second Row:**

**JOHN D. LONG**, B.S.E.E.; Altoona, Pennsylvania; Bowling League.

**RICHARD GORDON MALCHOW**, B.S.E.E.; Holland, Mich.; Bowling Club; President's List (6).

**WILLIAM HOWARD MATHEWS**, B.S.A.e.E.; Dayton

Ohio; Alpha Gamma Upsilon, Treasurer, Pledgemaster, Sgt. at Arms; Yearbook Staff, Executive Advertising Manager.

**EDUARDO A. MELLADO**, B.S.Ch.E.; Baja Claifornia, Mexico; A.C.S.; Treasurer; A.I.Ch.E.; Sigma Phi Delta; Intramural Basketball, Bowling Team; President's List (5); Chemical Lab. Assistant (5).

**Third Row:**

**JAMES E. MILLER, JR.**, B.S.R.E.; New Castle, Indiana; S.A.R.E.; Varsity Basketball Scorekeeper (2).

**GEORGE B. NENSON**, B.S.C.E.; Regina, Sask., Canada; A.C.E., Secretary; Alpha Gamma Upsilon; Student Council; Male Chorus; President's List (3).

**SILVIO C. J. PATTI**, B.S.E.E.; Bronx, N. Y.; Kappa Sigma Phi; President's List; Student Instructor EE 120 (3), Phy. 21A, Phy. 41A (3).

**JAMES F. PATTON**, B.S.M.E.; Fort Wayne, Indiana; A.S.E.; Intramural Basketball (2), Softball (1); Vice-President (2); Senior Class; President's List (1).

**First Row:**

JAMES H. POYER, JR., B.S.M.E.; Bradford, Pennsylvania;  
A.S.M.E.; Rifle Club.

PETER A. RADOSTI, B.S.Ae.E.; Thompsonville, Conn.

JOSEPH REITBLATT, B.S.M.E., Tel-Aviv, Israel; A.S.M.E.

ROBERT M. RIPPEY, B.S.E.E.; Fort Wayne, Indiana, Faculty Advisor; A.I.E.E.; K.A.R.C.; President's List.

**Second Row:**

RICHARD F. ROHAN, B.S.C.E.; Poughkeepsie, N.Y.; A.C.E.

HARRY JOHN SIEGEL, B.S.M.E.; Erie, Pennsylvania; President's List [4].

RICHARD LEE SCHROEDER, B.S.M.E.; Moline, Ill.; S.A.E.; A.R.S.; Sigma Phi Delta, Asst. Secretary; Student Council; Yearbook Staff.

RUSSELL S. SMITH, B.S.R.E.; Pottstown, Pennsylvania;

S.A.R.E.; Bowling Club [3], Secretary, President; Sports Editor, Yearbook Staff; President's List [1].

**Third Row:**

ROBERT D. SNYDER, B.S.M.E.; Lancaster, Pennsylvania; S.A.E.; President; A.S.M.E., President; Iota Tau Kappa, President; Student Council; Open House Chairman; President's List [9].

HERBERT JAMES SOMMER, B.S.M.E.; Orrville, Ohio; A.S.M.E.; Camera Club, Vice-President; Flying Club, President; Student Council [1]; President's List [1]; Freshman Class, Vice-President; Sophomore Class, Secretary-Treasurer.

SATORU TAKESHITA, B.S.E.E.; Lanai City Lanai, Hawaii; Hawaiian Club, Reporter, Sgt. at Arms; Bowling, Softball, Basketball, Inter-Frat.

ERNEST KHEK-SENG TAN, B.S.Ch.E.; Kowloon, Hong Kong; A.C.S.; Secretary, Vice-President; Nations United Club, President; Student Council; Fencing Club, Secretary; President's List [2].

# THE SENIOR CLASS



JAMES H. POYER, JR.  
PETER A. RADOSTI  
JOSEPH REITBLATT  
ROBERT M. RIPPEY

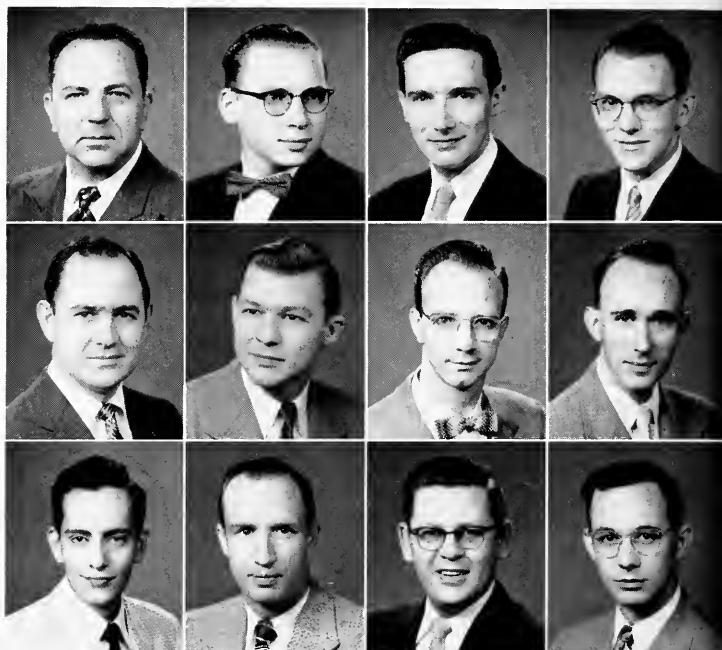


RICHARD F. ROHAN  
HARRY JOHN SIEGEL  
RICHARD LEE SCHROEDER  
RUSSELL S. SMITH



ROBERT D. SNYDER  
HERBERT JAMES SOMMER  
SATORU TAKESHITA  
ERNEST KHEK-SENG TAN

EVALD TENISONS  
REIN TEOSTE  
RICHARD GEORGE TIMKO  
EDGAR V. TUNSTALL



EDGAR LEONARDO ALARCON  
JAMES M. ALLMAN  
ARVID A. ANDERSON  
ROBERT FRANK BANGERT

First Row:

**EVALD TENISONS**, B.S.Ch.E.; Kalamazoo, Mich.

**REIN TEOSTE**, B.S.R.E.; Fort Wayne, Indiana; S.A.R.E.; Kappa Sigma Phi; Volleyball; Open House.

**RICHARD GEORGE TIMKO**, B.S.R.E.; Garfield, New Jersey; Intramural Softball; President's List (6).

**EDGAR V. TUNSTALL**, B.S.C.E.; Franklin, Pennsylvania; A.C.E.

Second Row:

**V. G. VADEN**, B.S.E.E.; Mt. Clemens, Mich.; A.E.E.E., Treasurer; Sigma Phi Delta; Student Council; Fraternity Pledge-master; Chief Engineer; President, Vice-President, Treasurer of Student Council; Golf Team; Student Instructor, Phy. 41-A, Phy. 21A, Phy. 31A (5).

**EARLE R. WALKER**, B.S.C.E.; Waverly, Virginia, A.C.E.; Sigma Phi Delta; Student Council (2); Intramural Basketball, Softball; Inter-Frat Softball.

**JOHN B. WRIGHT**, B.S.Ae.E.; Portlandville, New York; I.A.S., Chairman (2); Sigma Phi Delta, Historian; Camera Club; Flying Club; Student Council; Intramural Softball; Secretary, Senior Class; President's List (1).

**ARTHUR DAVID ADAMS**, B.S.M.E.; Butler, Pennsylvania; Intramural Softball, Bowling; Honor Roll (2).

Third Row:

**EDGAR LEONARDO ALARCON**, B.S.M.E.; Tachira, Venezuela; Phi Iota Alpha, President; Soccer, Captain.

**JAMES M. ALLMAN**, B.S.R.E.; Cox's Mills, West Virginia; S.A.R.E.; Nipco Club, Caswell Eng. Dwg. Award, 2nd ED2, 2nd EO3; President's List (7); Honor Roll (2).

**ARVID A. ANDERSON**, B.S.M.E.; Lititz, Pennsylvania; A.S.M.E.; S.A.E., Treasurer; Kappa Sigma Phi; President's List (2).

**ROBERT FRANK BANGERT**, B.S.R.E. and B.S.E.E.; Fort Wayne, Indiana; A.I.E.E.; President's List (8); Asst. Open House (2).

**First Row:**

**HAIM BAR-AKIVA**, B.S.M.E.; Haifa, Israel; A.S.M.E.; Camera Club; Nations United Club.

**PHILIP MARCEL BELANGER**, B.S.C.E.; Meriden, Conn.; A.C.E.

**GILBERTO G. BENITEZ**, B.S.Ch.I.; Cali, Colombia, S.A.

**LAWRENCE MYLES BULL**, B.S.E.E.; Pittsburgh, Pennsylvania; A.I.E.E. (6) Secretary; S.A.R.E., Vice-Chairman (3); Male Chorus (2).

**Second Row:**

**JOSE RIENZI BUSTILLOS**, B.S.Ch.E.; Palmira, Colombia; S.A.

**ROY E. CALCAGNO**, B.S.Ch.E.; San Francisco, California; A.C.S., President; Secretary; A.I.Ch.E.; Sigma Phi Delta; Camera Club; Student Council, Secretary; Technician Staff, Photographer; Male Chorus; Open House; Iota Tau Kappa,

President; President's List (6); Student Instructor (3), Chem 11, Chem 11A, Chem 21A.

**KEITH LEWIS COSNER**, B.S.M.E.; McComb, Ohio; A.E.M.E. President; Vice-President, Treasurer, Sophomore Class; President; Student Council.

**STEPHEN FRANK CSENCSITZ**, B.S.Ae.E.; Northampton, Penna.; T.S.A. Alpha Gamma Upsilon; Varsity Basketball; Intramural Basketball.

**Third Row:**

**DONALD D. DADDOW**; B.S.E.E.; Charles City, Iowa; Sigma Phi Delta; Pledgemaster; Inter-Frat. Softball; President's List (2); Open House (2).

**HOWARD W. DAVIS**, B.S.E.E.; Stoughton, Wisc.; Intramural Basketball, Softball.

**HERBERT FUJII**, B.S.M.E.; Cleveland, Ohio.  
**JOSE RAFAEL GONZALEZ**, B.S.C.E.; Caracas, Venezuela.

# THE SENIOR CLASS

**948650**



**HAIM BAR-AKIVA**  
**PHILIP MARCEL BELANGER**  
**GILBERTO G. BENITEZ**  
**LAWRENCE MYLES BULL**



**JOSE BUSTILLO RIENZI**  
**ROY E. CALCAGNO**  
**KEITH LEWIS COSNER**  
**STEPHEN FRANK CSENCSITZ**



**DONALD D. DADDOW**  
**HOWARD W. DAVIS**  
**HERBERT FUJII**  
**JOSE RAFAEL GONZALEZ**

HOWARD HARRY HALL  
GEORGE HASABE  
VERNON G. HOWE  
NASH KHAYAT



ABDALON ARMANDO MONCAYO  
VICENTE NATIVIDAD  
EARL W. OGAWA  
MOORE T. PADMORE

First Row:

**HOWARD HARRY HALL**, B.S.Ae.E.; Mt. Clemens, Michigan; I.A.S., Treasurer (2); A.R.S., Treasurer (2); B.I.S.; A.S.S.; Varsity Golf (3); Bowling (2), Captain.

**GEORGE HASABE**, B.S.R.E.; Dinuba, California; S.A.R.E.; President's List (7); Honor Roll (3).

**VERNON G. HOWE**, B.S.C.E.; Fort Wayne, Indiana; A.C.E.

**NASH KHAYAT**, B.S.C.E.; Fort Wayne, Indiana; A.C.E.; Fencing Club.

Second Row:

**THEODORE J. KISH**, B.S.M.E.; Welland, Ontario, Canada; A.S.M.E., President, Treasurer; S.A.E., Treasurer; Sigma Phi Delta; Secretary, Chief Engineer; Student Instructor, Machine Tool Lab. (3).

**STANLEY McFARLAND**, B.S.Ae.E.; Middletown, Ohio; I.A.S.; A.R.S.

**CHANDRATHIL K. MATHEW**, B.S.C.E.; Travancore, India; A.C.E.; Nations United Club; Club and Society Editor, Technician.

**PAUL E. MIELKE**, B.S.R.E. & B.S.E.E.; Antwerp, Ohio; Student Council (1); President's List (2).

Third Row:

**ABDALON ARMANDO MONCAYO**, B.S.Ch.E.; Buga, Valledel Cauca, Colombia; S.A.

**VICENTE NATIVIDAD**, B.S.E.E.; Hawi, Hawaii; T.H.; Hawaiian Club; Varsity Baseball (1); Intramural Bowling (1); Basketball (1), Softball (3); Inter-Frat, Softball (1).

**EARL W. OWAWA**, B.S.C.E.; Eleele, Kauai, Hawaii; A.C.E.; Kappa Sigma Kappa; Hawaiian Club, Secretary, Treasurer; Bowling Club; Inter-Frat, Council, President; Inter-Frat, Softball; Intramural Swimming, Basketball.

**MOORE T. PADMORE**, B.S.C.E.; Monrovia, Liberia; A.C.E.

**First Row:**

**WILLIAM C. POKORNY**, B.S.E.E.; New York, N. Y.; Iota Tau Kappa, Secretary, Treasurer.

**L. ENRIQUE RAMIREZ G.**, B.S.E.E.; Cali, Colombia, S.A.

**WALTER MARVIN ROBERTS**, B.S.C.E.; Sugar Grove, Virginia; A.C.E.; President's List (5).

**KERNS E. ROWE**, B.S.Ae.E.; Olean, N. Y.; I.A.S., Secretary, Design Proposal Committee, Chairman; A.R.S.; Flying Club; Nations United Club; Male Chorus, Treasurer; Bowling Team; Tennis Team, Captain; Fencing Team, Captain; Open House, (3); President's List (3); Honor Roll (2).

**Second Row:**

**CARL EDWARD RUMSEY**, B.S.R.E.; West Frankfort, Ill.; S.A.R.E.; Iota Tau Kappa; Intramural Softball; President's List (8); Honor Roll (4).

**WATERLOO SAKAKURA**, B.S.E.E. & B.S.R.E.; Stockton, Calif.; A.I.E.E., Treasurer, Reporter; Alpha Gamma Upsilon, Treasurer; I.F.C., Representative; Student Council, Treasurer; President's List (4).

**WILLIAM J. SCHRADER**, B.S.M.E.; Manistee, Mich.;

O.I.S.M.E.; Kappa Sigma Phi; Camera Club, Vice-President; Fencing Club, President, Vice-President, Treasurer; Radio Club; Technician Staff; Yearbook, Male Chorus, President, Secretary; Senior Class, Vice-President; Fencing Team, Captain; Open House; Nations United Club, Program Chairman.

**USMAN MAHMUD SHAIKH**, B.S.C.E.; Karachi, Pakistan; A.C.E.; Nations United Club.

**Third Row:**

**EDWARD JAMES SLAGA**, B.S.E.E.; Rome, N. Y.; A.I.E.E.; President's List (2).

**CHARLES O. TERRIER**, B.S.M.E.; May Pen, Jamaica, B.W.I.; Canterbury Club; President's List (5).

**GLEN K. UYEDA**, B.S.Ae.E.; Gallup, New Mexico; I.A.S.; President's List (3).

**DONALD CLIFTON VALKEMA**, B.S.Ae.E.; Saugatuck, Michigan; I.A.S., Treasurer; Bowling Club, Vice-President; Flying Club, President; Kappa Sigma Kappa, Vice-President, Secretary; Intramural Basketball, Swimming; President's List (7).

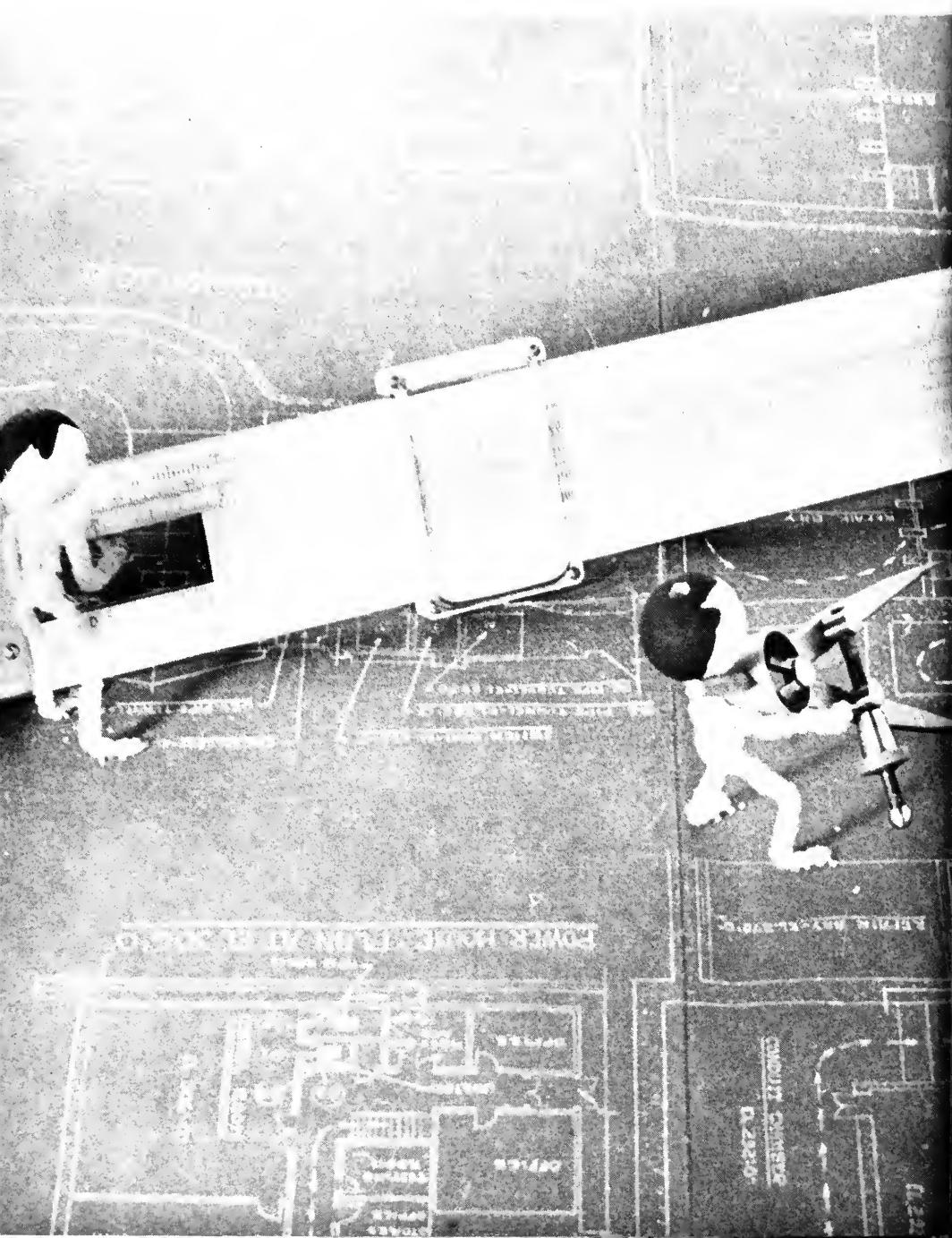
# THE SENIOR CLASS



**WILLIAM C. POKORNY**  
**L. ENRIQUE RAMIREZ G.**  
**WALTER MARVIN ROBERTS**  
**KERNS E. ROWE**

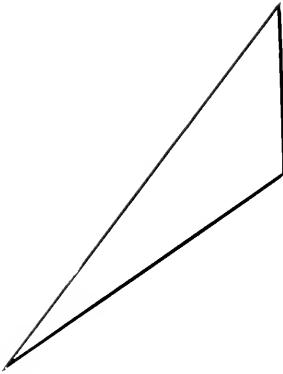
**CARL EDWARD RUMSEY**  
**WATERLOO SAKAKURA**  
**WILLIAM J. SCHRADER**  
**USMAN MAHMUD SHAIKH**

**EDWARD JAMES SLAGA**  
**CHARLES O. TERRIER**  
**GLEN K. UYEDA**  
**DONALD CLIFTON VALKEMA**





DEPARTMENTS



# AERONAUTICAL DEPARTMENT



BENJAMIN L. DOW



BENNETT I. KEMP

**BENJAMIN L. DOW**, Chairman Department of Aeronautical Engineering; B.S.Ae.E., Virginia Polytechnic Institute; Graduate Student, Johns Hopkins University; Jet Propulsion Research, Glenn L. Martin Co.; M.S.Ae.E., University of Michigan.

**BENNETT L. KEMP**, Aeronautical Engineering, and in charge of Wind Tunnel; B.S.Ae.E.; Indiana Technical College, formerly flight research engineer, and in charge of wind tunnel of Sikorsky Aircraft Corp. Graduate study, University of Michigan.

Development of aircraft in speed and numerous designs in recent years has been amazing. The demand for men capable of designing and inspecting aircraft production is potentially unlimited. The well-trained Aeronautical Engineer may specialize in propeller design, airplane design, airplane production, airplane stress analysis, airport management, traffic management, and executive duties. The recent adoption by automotive manufacturers of streamline design emphasize the importance of the study of air currents and forces disclosed in wind-tunnel laboratory experiments.



Wind Tunnel Propeller Adjustment

# CHEMICAL DEPARTMENT

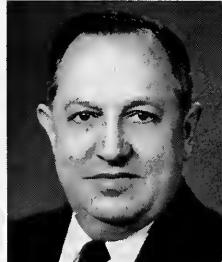
Chemistry lab experiment



ROBERT M. BISHOP



TOD R. DIXON



ROBERT M. BISHOP, Chemical Engineering; Wabash College; B.S.Ch.E., Indiana Technical College.

TOD R. DIXON, Chairman, Department of Chemical Engineering; B.S.Ch.E., M.S.Ch.E., and Ph.D.Ch.E., Ohio State University; formerly chairman of Chemical Engineering Department, Pratt Institute, Brooklyn, New York.

Because the applications of chemistry are so numerous and diversified, even the most casual examination will reveal the fact that virtually all industry in some stage of processing, development, or manufacturing, must depend directly on men with a knowledge of Chemistry. This has given rise to specialization in the field of Chemical Engineering, so that there are today highly specialized and diversified fields, such as Metallurgical Engineering, Gas Engineering, Petroleum Engineering, Ceramics Engineering, and various others. However, all of these fields are nothing more than offshoots from the parent, Chemical Engineering, which, therefore, still retains its major importance.

# CIVIL ENGINEERING



WALDO E. ALBERT, JR.

ROBERT C. RUHL

WILLARD H. STEVENSON

**WALDO E. ALBERT, JR.**, Aeronautical and Civil Engineering; Olivet College; B.S.Ae.E., B.S.C.E., Indiana Technical College; Engineer, Curtiss Wright Corporation; C.A.A. Primary, Secondary, and Instructors' Pilot Certificate; Rated Ground School Instructor.

**ROBERT C. RUHL**, Dean, Chairman, Department of Civil Engineering Chairman Academic Committee, B.S.C.E., M.S.C.E., Purdue University.

**WILLARD H. STEVENSON**, Civil Engineer! B.S.C.E., Purdue University; Graduate School, University of Illinois; formerly Design Engineer, American Steel Dredge; Consulting Engineer.

Civil Engineering is the oldest of the engineering professions, and may well be considered the parent of most of the other more or less specialized phases of Engineering Science. Egypt's pyramids; the Roman roads, bridges, and aqueducts; the channeling and dyke-building along China's Yellow River, are monuments to Civil Engineers who, thousands of years ago, pitted their skill against adverse Nature, overcoming her obstacles or holding in check her tremendous forces. Even as today the Civil Engineer builds our roads, so thorough the centuries, the profession of Civil Engineering prepared the figurative roads along which other branches of engineering have advanced.



Surveyor's Accuracy in Construction

# ELECTRICAL ENGINEERING

RICHARD DERMER

Electrical Mechanism of Clock being repaired



EUGENE MONTOYA, JR.



MAURICE SIMMONS



**RICHARD DERMER**, Chairman, Department of Electrical Engineering; B.S.E.E., Indiana Technical College, formerly with General Electric Company in Testing and Experimental Laboratory.

**EUGENE MONTOYA, JR.**, Electrical Engineering; B.S.E.E., Indiana Technical College; graduate studies, Illinois Institute of Technology and Purdue University; formerly Instructor U.S. Army and USAFI.

**MAURICE SIMMONS**, Electrical Engineering; B.S.E.E., B.S.R.E., Indiana Technical College.

The Electrical Engineer must be familiar with his field, including the mechanical as well as the electrical aspects, whether he has to do with the housewife's electric iron or with the gigantic electric furnace. He must know how to select or how to design the correct motor in accordance with specific needs for power. He must have a practical as well as a theoretical knowledge and interest that will lead him to work out economics in powerhouse and production problems. His is the master mind in the field of communications. The modern automatic telephone with its instant accurate service is a monument to his inventive genius and painstaking skill.

# MECHANICAL ENGINEERING



JOSEPH DORS



HOWARD A. MACKLIN



IVAN PLANCK

JOSEPH DORS, Mechanical Engineering; B.S.M.E., Indiana Technical College.

HOWARD A. MACKLIN, Mechanical Engineering; A.B., Huntington College; M.A., Ball State Teacher's College; B.S.M.E., Indiana Technical College; Graduate Work, Indiana University.

IVAN PLANCK, Chairman, Departments of Mechanical and Aeronautical Engineering; B.Ch.E., B.Sc. in Ed., Ph.D., Ohio State University.

The field of Mechanical Engineering embraces virtually every field of science and industry. Every manufactured article, no matter what its nature, requires the services of mechanical engineers both in the design of the machine on which it is made, and in the operation of the factory itself.

This field of engineering is so broad that no man can be an authority on all its branches. Therefore, the student is given a thorough background in the basic sciences, from which he branches off into his special field.

Recognizing the need for good human relations in engineering, the Mechanical Department sponsors various organizations, such as the A.S.M.E. and S.A.E. These organizations, through their various field trips to industry, open house projects and social functions, teaches the student the importance of getting along with his fellow men.



Assembly line accuracy insures production

# RADIO ENGINEERING

HAROLD E. BAGGOTT



Television tower transmitter skyline



RALPH S. CARSON



ARTHUR B. PRICE



**HAROLD E. BAGGOTT**, Electrical and Radio Engineering; B.S.R.E., B.S.E.E., Indiana Technical College; formerly engineer, Magnavox Corporation.

**RALPH S. CARSON**, Chairman, Department of Radio Engineering; B.S.R.E., B.S.E.E., M.S.E.E., Major in Communications, University of Michigan; Engineer, formerly with Farnsworth Television and Radio Corporation; Advanced Study, Indiana University.

**ARTHUR B. PRICE**, Radio Engineering; B.S.E.E., B.S.R.E., Indiana Technical College.

The ready transmission of sound and its reception has been a great boon to modern civilization and the Radio Engineer. Now the poor as well as the rich have the delights of the world's best music, entertainment and information at their own firesides. American homes contain millions of receiving sets. Continued improvement prompts constant replacement of these sets with others still more compact and efficient—more precise and accurate in operation. The advent of television has brought about radical changes in receiving sets and a complete revolution of structure and function of the entire network of broadcast stations.



MR. RICHARD DERMER



MR. EUGENE MONTOYA



MR. ROBERT MORRIS



MR. MAURICE SIMMONS



MR. JOHN WHITNEY

MRS. THELMA ADAMS  
Secretary



DR. A. T. KEENE . . . . .	Director
MR. C. A. OVERHOLT . . . . .	Business Manager
MR. EUGENE MONTOYA, JR. . . . .	Administrative Engineer
MR. R. D. DERMER . . . . .	Chief Consultant
MR. R. C. RUHL . . . . .	Consultant
DR. IVAN PLANCK . . . . .	Consultant
MR. R. CARSON . . . . .	Consultant
DR. T. G. DIXON . . . . .	Consultant
MR. B. DOW . . . . .	Consultant
MR. CLYDE MELTON . . . . .	Consultant
MR. JOHN WHITNEY . . . . .	Chief Development Engineer
MR. ROBERT MORRIS . . . . .	Development Engineer
MR. B. KEMP . . . . .	Development Engineer
MR. ARTHUR PRICE . . . . .	Development Engineer
MR. MAURICE SIMMONS . . . . .	Development Engineer

Total Projects as of May 1955—175

Percent increase in number during year 1954-55—400%

Percent increase in dollar volume year 1954-55—350%

Total number of faculty staff employed—full- and part-time—28

Total number of students employed—part-time—32

#### Types of Research and Development work performed—

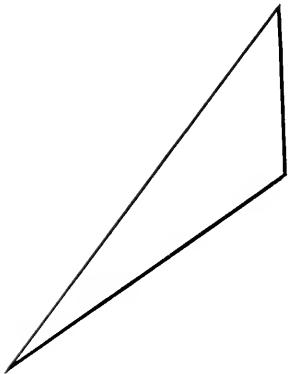
Automatic electronic controls, custom test equipment to meet NEMA, ASTM, ASA specifications, analytical chemistry, electrical components, fuel analyses, mechanical components, compression, tension, strain, stress testing high-frequency heating, structural design, environmental testing, applied mathematics.

# RESEARCH, DEVELOPMENT, TESTING AND CONSULTING LABORATORIES

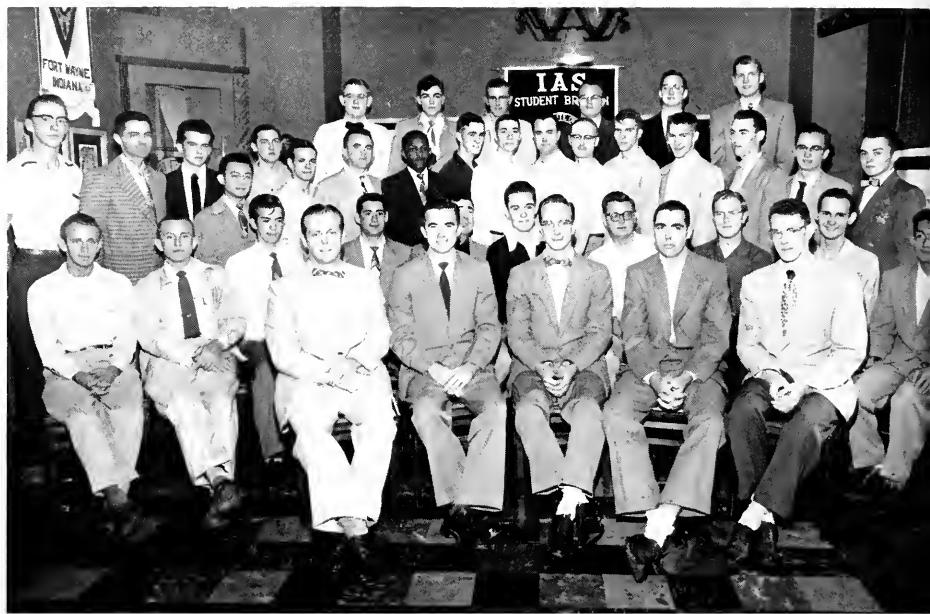
Mr. Robert Morris working on a testing assembly







ASSOCIATIONS



First Row, seated left to right: Mr. B. L. Dow, Norman L. Baker, John B. Wright, W. W. Blake, Bernard J. Heyl. Second Row: Donald W. Goss, Stan McFadden, Alfred R. Schuhmacher, Harold V. Oeffinger, Max M. Smith, Forrest R. Straub, D. R. Drinan, Howard Hall, James Spiller, T. Hirunaga. Third Row: Russel Rhodes, L. R. Wadekamper, Glen K. Uyeda, Donald E. Poucher, Igor Jarzenko, Harold R. Woodhouse, Larry Kugler, Kenneth D. Poore, Raymond V. Navin, R. A. Krava, J. Blakley, R. J. Ewen, Charles J. Kwaczala, Jr., Jimmie D. Gard, Wm. Warren Wright. Fourth Row: Ralph Strauch, George Honczarenko, Roger Kammeyer, Henry E. Syne, Gordon Patterson, Paul D. Moore, Kerns E. Rowe, Gene W. Peotter

I. A. S. Banquet gathering



The Student Branch of the Institute of Aeronautical Sciences had another busy year at Tech. To accomplish its purpose of promoting professional consciousness and fellowship, as well as enlighten the members of the work being done in the Aeronautical field, many movies were shown, a field trip was made to the NACA Propulsion Laboratory in Cleveland, Ohio, and numerous awards were given including a Lecture Award, and the Outstanding Student Award. The annual banquet topped off the year's activities.

I. A. S.

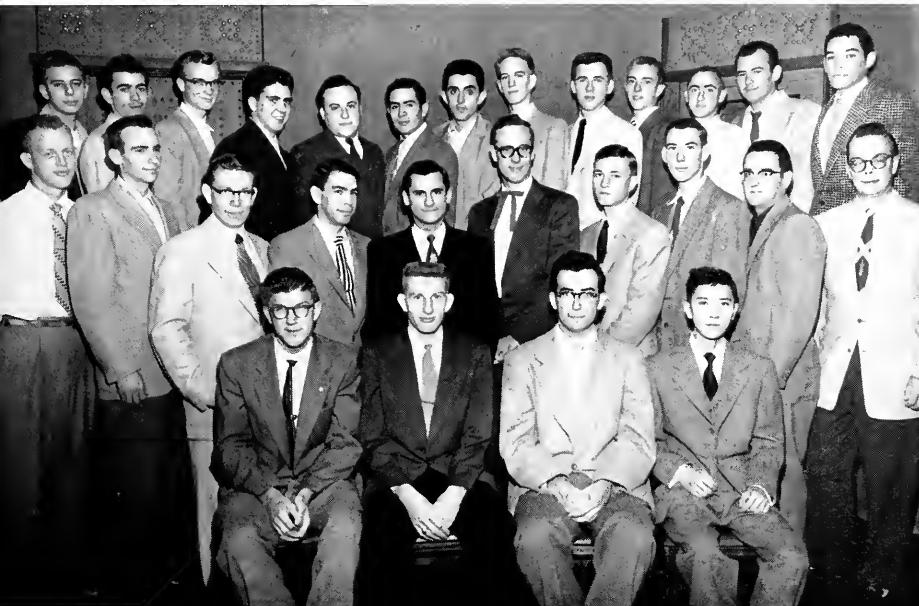
# A. C. S.

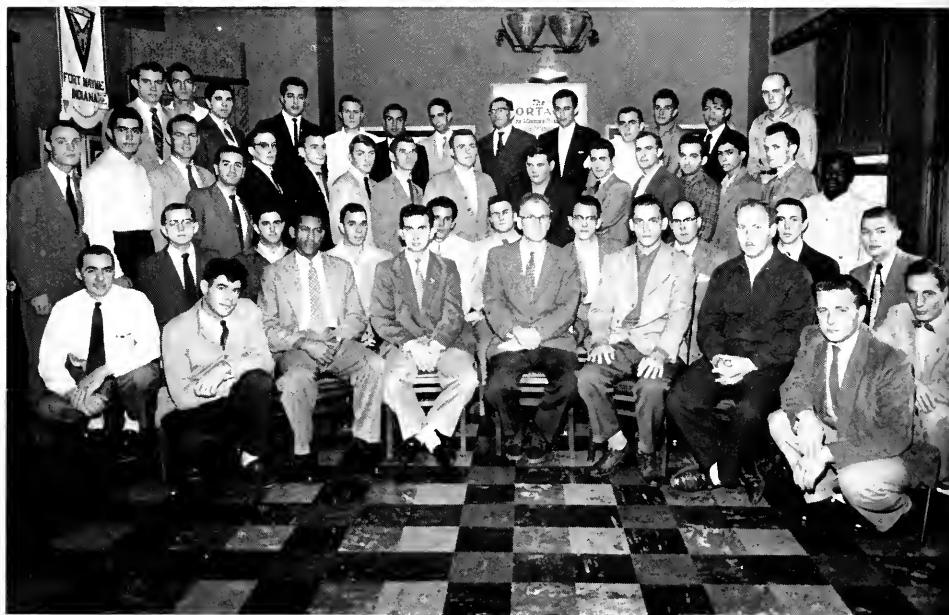
Majors in chemical engineering may affiliate with the American Chemical Society, a national organization of chemists and chemical engineering. The American Chemical Society grants the affiliate certain privileges which help to improve his professional standing as well as his educational background and employment opportunities.



A. C. S. sponsored dance

First Row, seated left to right: Robert Medve, James Clontz, Roy E. Calcagno, Ernest Tan. Second Row: S. D. Satterwhite, Joseph Grimaldi, John Murphy, Luis Hernandez, Nabeel A. Handafi, Julius E. Early, Vito M. R. Bath, Carroll R. Martin, II, Thaddeus P. Kurek, Robert H. Mason. Third Row: Perry C. Setola, Frank Ruggiero, Clark K. Foster, Larry H. Kirschleff, Richard J. Araish, Oscar Ocampo, Elmer Parlante, John Brobst, Carl J. Jenkins, Clarence Mayonis, Harold Otis, Saul Medrano, Eduardo Mellado





First Row, seated left to right: Philip Belanger, J. B. Alves, Louis M. Iacona, Mr. W. L. Stevenson, Solomon Kramer, James M. Winn, Marilyn F. Stone. Second Row: Donel K. Fisk, Thomas E. Risley, Jean M. Dionne, Daniel E. O'Byrn, J. M. Campo, Guy Belanger, E. V. Tunstall, L. Cramer, D. E. Bilodean, E. R. Walker, J. B. Turo. Third Row: W. L. Brock, Samiht Saify, Glenn A. Brackney, Nash Kayar, Jose W. Bunch, Samuel D. Christopher, Jerry Herb, John M. Giese, Vernon L. Gordon, Charles H. Heitman, Frank Cirillo, Frank Welsh, Turhan Ak, V. M. Shukri, Anatol Rychalski, Moore T. Padmore. Fourth Row: Robert L. Bobbitt, Gregory A. Hyver, K. Khaled Hassan, Nicholas Rivera, Clarence A. Chipman, Talat Farouk, Rafael Pizarro, Leon Cifuentes, Enrique Luna, M. Mohseni, Mehmet Nihal Islam, Richard S. Cortez, George B. Riley.

Since its inception in 1941, the Association of Civil Engineers, formerly known as the Pyramid Club, has had for its goal the promotion of interest and study in all phases of the field of Civil Engineering. To attain this end, the Association strives to present a varied program to its members through the medium of motion pictures, field trips to local and distant construction projects and lectures by prominent civil engineers, many of whom are Tech. graduates.

One of the highlights of the activities of the past year was a field trip to the Nickel Plate Elevation project, during which the members had an excellent opportunity to learn many of the new innovations in the field of pre-cast and pre-stressed concrete.

Under the able sponsorship of Mr. Ruhl and Mr. Stevenson, the Association rounded out a successful year with the renewed hope of becoming a full-fledged student affiliate of the American Society of Civil Engineers.

Field trip along nickel plate railroad



A. C. E.

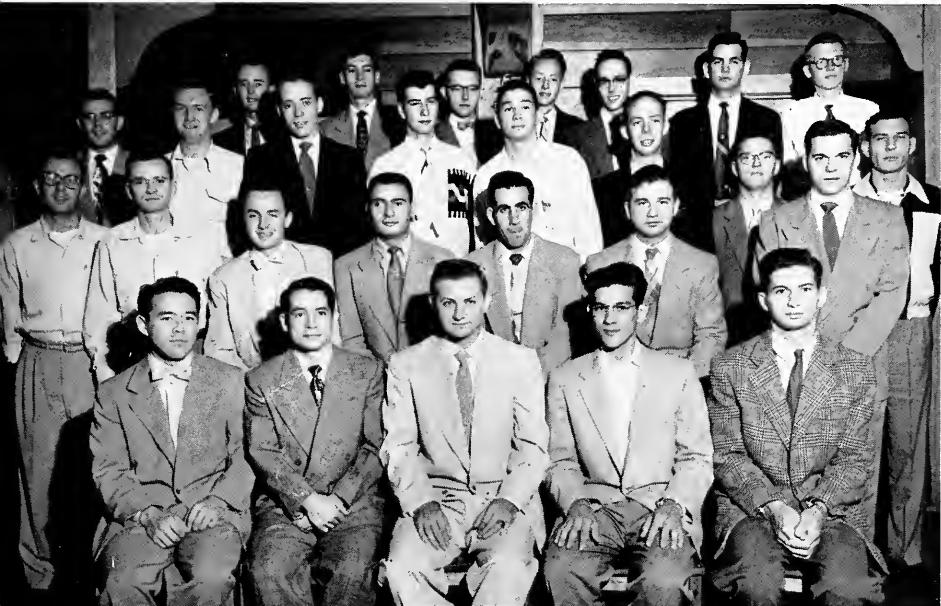
# A. I. E. E.

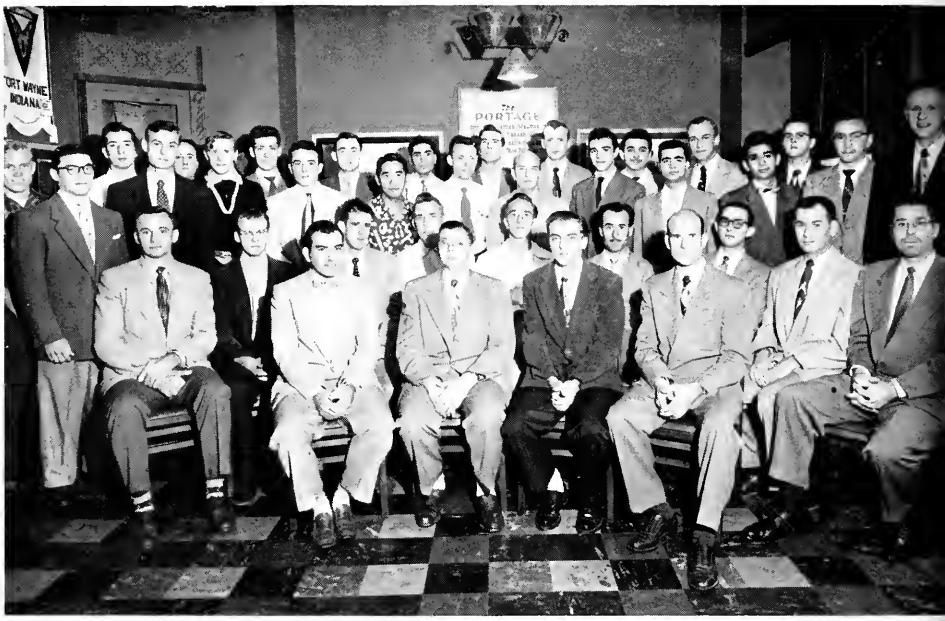
The student affiliate, Fort Wayne Section, AIEE, for Tech students who are members of the Electrical or Radio Departments are eligible for membership.



A. I. E. E. sponsored Blood Donor program at Tech.

First Row, seated left to right: Waterloo Sakakura, J. S. Maiz, A. H. Harkness, P. L. Pitz, H. C. Johnson, R. H. Deford, Ed Hartman, John W. Bolen, Nick A. Briloff, Dwight W. Moore, Edward I. Slaga, T. E. Schrock, Third Row: George E. Myers, Keith Wm. Thompson, Robert B. Stockton, Frank R. Irahan, Joe Marks, Bruce Barclay, Fernand Gagnon, Lloyd H. Pope, Fourth Row: Gerald E. Blackwell, James Winters, Lyle J. Edlin, William G. Densford, Harold E. Lee, Golin M. Holme-Shaw, David A. Stevenson





First Row, seated left to right: Thomas Vlattas, Dr. Ivan Planck, Robert Snyder, Robert Boswell. Second Row: Keith Cosner, Erick Koehling, George Allen, Robert Hosto, Jack Lenser, Shimaron, P. A. Markarian, Robert J. Ternis Myer, Durward G. Bradbury, Thaddeus B. Wojaczynski, Bernard Romeo, Donald Breden, Charles Kyler, James Poyer, Tom Kitano, Wayne Erickson, Neal McCollom, Roger Yonathan, Adnan Halabi, Yusuf Kurial, William J. Schrader, Thaddeus B. Wojaczynski. Fourth Row: Marvin Clark, Frank Whittington, Charles Dance, George Murray, Duane Eagen, Fred Z. Abdishi, Robert DeNure, Harry Johnston, Theodore J. Kish, Ted Denning, Neal McCollom

First hand advice from Dr. Planck



The Mechanical Club of Indiana Technical College is an affiliate of the Fort Wayne Branch of the American Society of Mechanical Engineers. The principal purpose of the Mechanical Club is to promote an interest in Mechanical Engineering. The plans of the club include social functions to increase fellowship and field trips to broaden our knowledge of engineering.

A. S. M. E.

# K. A. R. C.

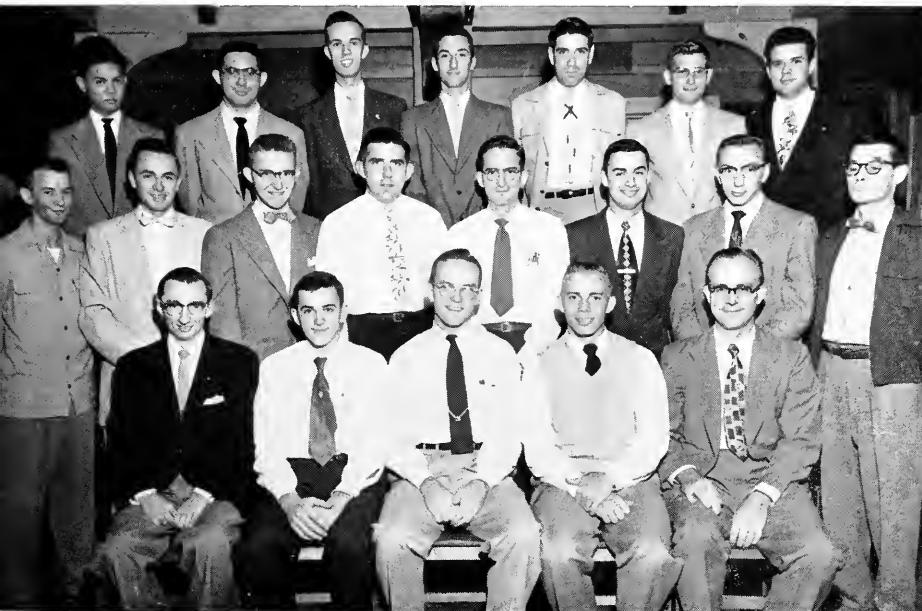
The purpose of Kekionga Amateur Radio Club is to promote amateur radio activities among the students of ITC showing interest in the practical applications of amateur radio communications, and to group these students together. K.A.R.C. is made up of members who are licensed by the Federal Communications Commission.

The club station W9BHR consists of a one kilowatt transmitter, Hq-129-X Hammarlund Receiver, a 220 megacycle transmitter and receiver, and a single-sideband exciter. The station operates on 80, 40, 20, and 10 meter amateur bands with either radio-telegraphy or radio-telephone. The equipment in the station was built by members of the club over the past years and now is operating efficiently.



Radio shack transmitter and crew

First Row, seated left to right: John D. Young, Robert Vitt, David Rayburn, Leslie Parker, Mr. Ralph S. Carson. Second Row: Lester Burnett, John Bolam, Lyle J. Edlin, Jack A. Dean, Thomas F. Fiscus, Ronald Rockhill, Wm. J. Schrader, Glenn B. McKinney. Third Row: Calvin Wm. Yong, Ken S. Windish, Paul Bellamy, Roland Simon, Maurice R. Smith, Donald McCoy, R. C. McGuire





Front Row, seated left to right: Mr. Ralph S. Carson, David A. Stevenson, Kenneth S. Windish, John D. Young, George W. Ladd, Second Row: John W. Bolam, Russell S. Smith, Vernon L. Brown, Carl E. Runsey, Maurice R. Smith, Harold E. Hunt, Lyle J. Edlin, James Winters, Delbert Didier, Third Row: Jack Shumsky, Karolg Cisbos, Jr., Juozas S. Mikuckis, Hillard Jankowski, Wayne S. Rial, Ted L. Harkins, Eldon L. Teske, Bill Harris, Rein Tedste, James M. Allman, Dwight W. Hunter, Edwin Giszewski, Richard Reynolds

Standing: Mr. Ralph S. Carson, David A. Stevenson, John D. Young, Ken S. Windish, Homer C. Neffger, George W. Ladd.



The Student Association of Radio Engineers is comprised of students in the Radio and Electrical Departments at Indiana Technical College interested in the new developments in the field of radio and electronics.

The past year saw a number of interesting and informative events for the

S. A. R. E.

# S. A. R. E.

S.A.R.E. including a number of field trips and lectures.

Although the S.A.R.E. is not affiliated with the Institute of Radio Engineers, members of the S.A.R.E. are invited and encouraged to attend the monthly meetings of the Fort Wayne Section of the I.R.E. to hear talks given by men who are specialists in their field.



Club Members at Rest While Awaiting Signals

First Row, seated left to right: Leon Wun, Lloyd G. Sellers, Homer C. Neffzer, Phil E. Alexander, Fernand Gagnon. Second Row: Duane La Fortune, John C. Roger, Jack Garrett, Paul Belkamy, Roy Davis, Roland Simon, Donald Rockhill, Thomas E. Fiscus, Donald Merlino. Third Row: E. M. Akamine, Lavar Burnett, Eustaglio Agbulos, Jose R. Azores, David Rayburn, Clarence L. Chizik, Maurice Ingmire, Charles S. Ida, Jack A. Dean, Thomas Hinkler, Josephine. Fourth Row: John E. Host, Lloyd E. Cross, Leslie Parker, Robert McDonald McCoy, Aubrey G. Thomas, Ian N. McLeod, John B. Sheerin, William M. Crouch, Edward L. Leeka





First Row, seated left to right: Mr. Richard Dermer, Robert Snyder, Archer Page, William Pokorny, Mr. Robert C. Ruhl, Mr. Ralph S. Carson. Second Row: Mr. Joseph Dors, Mr. Howard Macklin, Mr. Harold Baggot, Mr. Waldo Alberts, Mr. Eugene Montoya, Jr.

New Members of Iota Tau Kappa Left to right front sitting: Gregory Hyer, Roy Calagno, and Joseph Cruse. Back, standing: Subhas Ghosal, and Glen Zimmerman.



Iota Tau Kappa was organized to give recognition to superior scholarship. Upon invitation by the President of Indiana Technical College, students having completed four terms (not consecutive) college level with a point average of 3.5 or better for each of four terms, becomes eligible.

## IOTA TAU KAPPA

# STUDENT COUNCIL

The Student Council is the official organization that represents the entire student body. The Student Council is made up of twenty members along with the Faculty Advisor. Sixteen of the members are regularly elected and serve for two terms. The remaining four members are the class presidents who serve for one term. An election is held at the end of each term at which time eight men are selected to serve.

Candidates for election are chosen by the students at a Departmental meeting held each term.

The main purpose of the Council is the welfare and interest of the student body. Any suggestions or criticism in regard to the student body should be directed to a member of the Student Council. Regular meetings of the Council are open to the students and minutes of the meetings are displayed in the lobby.



Officers and Spring term members

First Row, seated left to right, Harold E. Lee, Roy E. Calcagno, James Cluntz, V. G. Vaden, Norman Connell, Vernis Meyer. Second Row: Frank S. Ruggiero, Ernest Jan, Robert Snyder, Solomon Kramer, Duane Eagen, Durward Bradley, James Spitzer, Harold V. Coffman, William G. Densford, John B. Wright, Vernon E. Sorensen, Michael J. Dillon, Earle R. Walker, Tom T. Kitano.





First Row, seated left to right: Douglas Maffi-Dodds, Mr. Robert Marshall, John B. Turo, Donald Meagher, Miss Mary Weimer, Marion B. Stults, James Huss. Second Row: Chandrathil K. Matthews, Paul Wilson, Paul D. Hancock, Frank R. Irahana, James K. Spiller, L. R. W. Schubert, D. G. Northwaite, Talat Farouk, Huss Sway, Donald L. Rogers

Technician staff members busily composing issue



The Technician Staff writes, sets up, and completes all the functions for publishing the **Technician** newspaper. The higher offices are filled from experienced students who come up from the ranks as reporters.

TECHNICIAN

# MALE CHORUS

The Male Chorus has taken part in all the outstanding functions of the school as well as providing entertainment for various organizations throughout the city of Fort Wayne. All students are eligible to become members.



Rehearsal time makes perfect

First row, seated left to right: John R. Quigley, Robert Sopher, Mr. Raymond Beights, John G. Mullin, Hugh Wray McCann. Second Row: Don Higdon, Don Temple, Oabeel A. Hanafi, Dwight L. DeWitt, Wm. J. Schrader, Frank R. Trahan. Third Row: Alfred Knoll, Richard Reynolds, Roger Kammeyer, Kerns E. Rowe, Kenneth D. Poore, Albert J. Roy, Gene W. Peotter



# THE



JOHN B. TURO  
Editor



NEAL McCULLON  
Assistant Editor



MR. MONTOYA  
Advisor

## STAFF

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NEAL McCULLOM	Assistant Editor	ARTHUR STAULTER . . . . .	Typist
HAROLD HAYES . . . . .	Layout Editor	JOAN L. TURO . . . . .	Typist
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RUSSELL SMITH . . . . .	Sports Editor	JAMES SPITLER . . . . .	Publicity Manager
VERNON VICE . . . . .	Sports Reporter	MR. EUGENE MONTOYA . . . . .	Faculty Advisor
WILLIAM SCHRADER . . . . .	Photographer Editor		

The seventh volume of the **KEKIONGAN** comes to you while looking into the future of your life and the world about you. It is the picture-story of the past year at Tech, memories which you will cherish and long remember.

Printed with more color, more true to

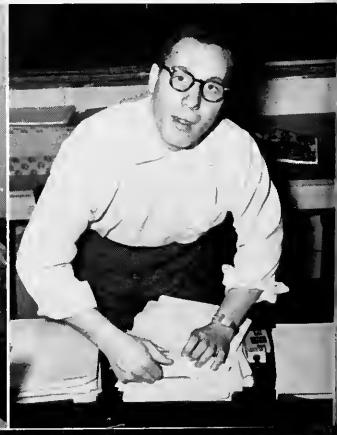
life action, and coverage for everyone, the time and effort necessary to prepare this book will never have been in vain.

Ideas may be good or bad, and opinions may differ, but accepting this yearbook wholeheartedly will be our acclaim.

Staff members going through final check off



Editor at work preparing to send in copy to printer



1955 K E K I O N G A N



Seated, left to right: Neal McCullon, John B. Turo, Mr. Eugene Montoya. Standing: Russel Smith, Harold Hayes, Talot Farouk, Keith Richie.

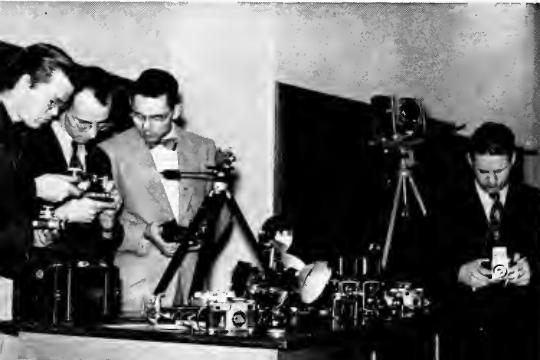


Seated, left to right: Frank Trahon, James Spittler, Vernon Vice.  
Standing: Jack Shumsky.



First row, kneeling left to right: Juozas S. Mikuckis, Jack Shumsky, Wm. J. Schrader, Maurice Ingmire, Paul Bellamy, Shimavon P. A. Markarian. Second row, standing: Mr. John Whitney, Mr. Eugene Montoya, W. D. Purdy, Dan Bilodean, Clarence Chizk, T. E. Schrock, J. R. Craven, Bar-Akiva Haim, Robert H. Masson.

Camera Club supply display



The Camera Club originated in the Spring of 1948. The club now has a darkroom equipped with basic apparatus and is expanding rapidly with the addition of new equipment.

## CAMERA CLUB

# HAWAIIAN CLUB

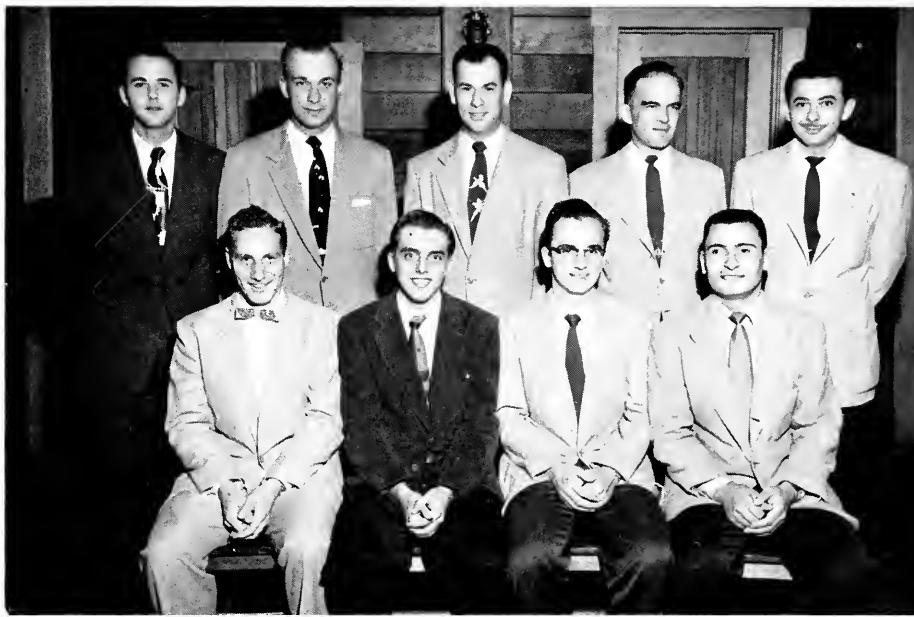
The Hawaiian Club is composed of Indiana Technical College students from the Hawaiian Islands. The primary purpose of the organization is mutual assistance during the course of the member's undergraduate study.



Singing at the Christmas Convocation

First row, kneeling left to right: Walter Murakami, Richard Hayashi, Herbert Fujii, Aksel Pedersen, Yasutoshi Takushi, Harold Shimizu. Second row, seated: Sueo Tamabe, Frederick Tanaka, Mr. and Mrs. Price, Tom Kitanos, Edwin Nitani. Third row, standing: Melvin Yamamoto, Eustaquio Agabios, Georgean Skeehan, Eugene Nakasone, James Iida, Yoshio Goto, Peter J. Chaug, James Takakura, Paul Tanaka, Earl Agawa, Tom Hironaga, Satoro Takeshita, E. M. Akamine, George Nakasone, Richard Wong.





First row, seated left to right: John B. Turo, Robert D. Snyder, Jimmie D. Gard, Nick A. Birbilis. Second row, standing: N. McCollom, T. Denning, Vernis Meyer, Mr. Joseph Dors, Theodore J. Kish.

Mr. Joseph Dors lecturing to S. A. E. gathering



The Society of Automotive Engineers is a student branch, affiliated with the National Society of Automotive Engineers, and is sponsored by the Mechanical Engineering Department. Membership is open to all engineering students.

S. A. E.

# FLYING CLUB

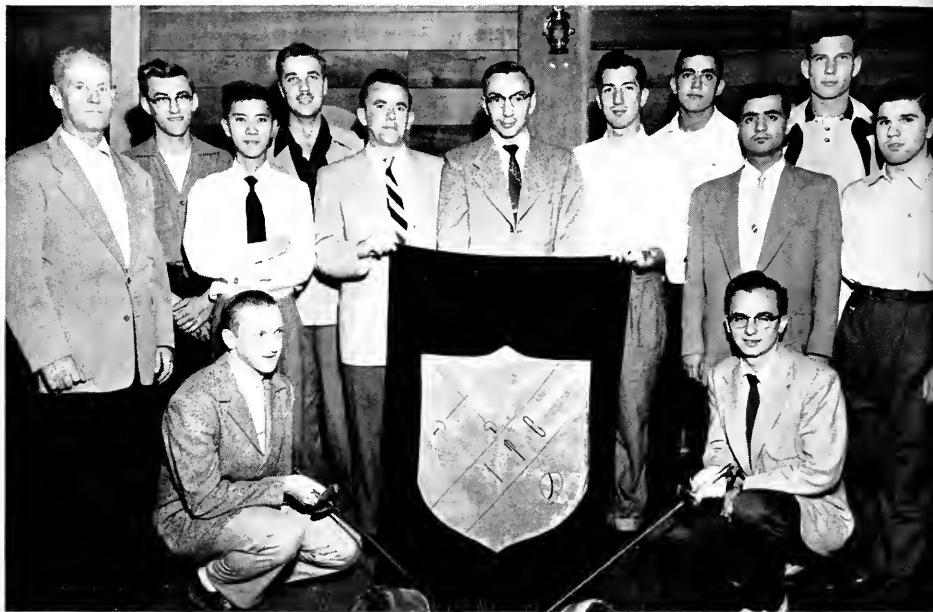
The Flying Club is made up of students of all departments that have a common interest in flying. Students with commercial and instructor's licenses aid their fellow students in obtaining their private pilot's license.



Open house flying saucers about to be circulated,  
loaded at airport

First row, seated left to right: Richard S. Cortez, Henry E. Styne, Suk Kuv Che, Dwight W. Hunter, Ernest Emmerton, Borhan Hawashy. Second row, standing: Shmuel L. Goldstein, Miriam George, M. Semenoff, Nick A. Dibitis, John W. Bolane, Martin F. Stone, Lyle J. Edlin, John Blakley, Alfred R. Rathmell, Norman L. Baker, Charles E. Jackson, Donald Wm. Culp.





First row, kneeling left to right: Noel Leitzman, Jimmie D. Gard.  
Second row, standing: Harry J. Lester, Wahid Ernest Tan, Igor  
Jaremenko, Ward J. Schneider, Frank R. Whittington, Adnan Halab,  
K. Khaled Hassan. Third row standing: Norman Polliff, Luis Hil-  
ger, Samihi Saify, Lloyd H. Pope.



Practice to keep your guard up

The purpose of the Fencing Club is to further the interest of fencing. Both novices and advanced students of fencing are invited to join. Regular expert instruction is available and local matches are arranged.

## FENCING CLUB

# R I F L E C L U B

The Indiana Technical College Rifle Team is made up of members of the Rifle Club. During the past season, Ronald Hughes, Robert Leipold, Bruce Barkley, Marvin Clark, Gene Suter, Lars Wernholm, Henry Browning, Solomon Kramer, and Gregory Hyver participated as members of the team.

Through the medium of postal matches, where scores for shooting under similar conditions are exchanged by mail, the Tech Rifle Team competed with teams from the University of Illinois, University of Washington, University of Pennsylvania, University of Cincinnati, Illinois Institute of Technology, Ohio State University, and Indiana University. The Tech team did not score a single victory against this competition; but it must be borne in mind that each of these opponents was a team of R.O.T.C. men who have the best of equipment and mandatory practice.

Members of the Rifle Club also competed in the Allen County Rifle Association and scored two victories in ten matches against the crack rifle clubs of the area.

The Kemp Cannon Award, an annual award to the most valuable member of the Rifle Team, was won this year by Ronald Hughes.



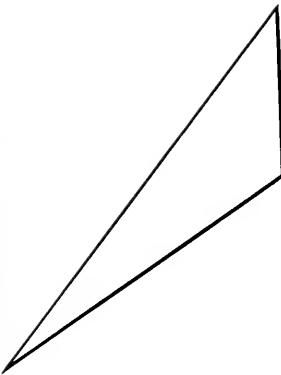
Prone position and sight alignment

First row, kneeling left to right: Wm. Warren Wright, Henry D. Browning, Nicholas Leal, Jr., James Poyer, Marvin Clark, Suk Kun Che. Standing, second row: Mr. John Whitney, Clarence Chipman, Lars W. Wernholm, William G. Denford, Bob L. Leipold, Robert J. Everett, Bruce Barclay, Ronald D. Hughes, Harry Johnston, Ted Rowe, Robert L. Morris, Mr. B. L. Kemp.





BROTHERHOOD  
TO THE  
END



FRATERNITIES



Top: Beta Chapter house social  
Bottom: Pledge busy cleaning shoes

Alpha Gamma Upsilon Fraternity, Beta Chapter, is part of a national social fraternity composed of men of all races and religions with the ability for mutual trust and loyalty. In an atmosphere of a home away from home, the fraternity provides a setting for the development of a well-rounded personality as well as scholastic growth. Through its many offices and activities the members are encouraged to develop leadership and responsibility so essential to our present day society. Last, but not least, the members leave the college rich in friends and fond memories of college life.

A L P H A  
G A M M A  
U P S I L O N

# AΓΥ



## First Row:

Moses Acee  
Edward Adams  
Jack Alt  
Robert Babbitt  
Gerald Blackwell

## Second Row:

Frederick Burgett  
Donald Copenhaver  
Richard Crider  
Stephen Csencitz  
Gerald Edwards

## Third Row:

Richard Erickson  
Robert Ewen  
Harold Ford  
Gerome Herb  
Joseph Iacovo

## Fourth Row:

Alan Johnson  
Charles Kwaczala  
Charles Lyle  
John MacKenzie  
Joseph Marks

## Fifth Row:

William Mathews  
Donald Merlino  
William Myers  
Raymond Navin  
George Nenson

## Sixth Row:

Sidney Rasnick  
Richard Reynolds  
Waterloo Sakura  
Richard Schlund  
Walace Scott

## Seventh Row:

Jackson Talbott  
Basil Vangeli  
Thomas Valattas  
Dr. Plank  
Faculty moderator  
Mr. Baggot  
Faculty moderator  
Mr. Dow  
Faculty moderator



Top: X. E. T. Installation group  
Bottom: New Fraternity's first officers

Chi Epsilon Tau (X.E.T.) is a Chemical Engineering Fraternity, organized for the purpose of affiliating with a national Chemical and Chemical Engineering Fraternity.

The object of the Fraternity shall be to instill among its members the idea of fellowship and fraternal brotherhood as well as promote the advancement of the Engineering Profession.

As a fraternity, it shall be our goal to at all times advocate good citizenship and the highest ideals of Christian manhood.

C H I  
E P S I L O N  
T A U

# X E T



## First Row:

Richard Araish  
John Brobst  
James Clontz

## Second Row:

Earl Craven  
Joseph Cruse  
Julius Early

## Third Row:

Clark Foster  
Brian Keller  
Larry Krishler

## Fourth Row:

Thaddeus Kruek  
Carrell Marshall  
Robert Mason

## Fifth Row:

Daniel Murphy  
Clarence Nayonis  
Harold Otis

## Sixth Row:

Mike Pfister  
Samuel Satterthwaite  
John Whalen



Tom Brown, Kappa Sigma Kappa's honorary pride member

The Sigma Chapter of Kappa Sigma Kappa was organized at Indiana Technical College in the Fall of 1945. The national fraternity was founded in 1857. Students are eligible for membership after one term of school attendance.

K A P P A  
S I G M A  
K A P P A

# KΣK



#### First Row:

Walter Blake  
John Blakely  
Thomas Brown  
Andy Choma  
Theodore Denning

#### Second Row:

Charles Ida  
Gerald Kenealey  
Warren Kenfish  
Robert Kennedy  
George Meyers

#### Third Row:

Earl Ogawa  
Elmer Parlante  
Gray Robling  
Albert Roy  
Howard Schultz

#### Fourth Row:

Gerald Schumaker  
Lloyd Sellers  
Gordan Simmons  
Joseph Tighe  
Francois Trahan

#### Fifth Row:

Donald Wainerwright  
Dave Wilson  
Paul Wilson  
Roy Woolridge  
Joseph Zambido



Top: Old and new members at reunion

Bottom: Colorful masquerade party

Kappa Sigma Phi Fraternity is founded upon three ideals: fellowship, scholarship, and sportsmanship. Every new pledge must believe in these ideals for acceptance by the fraternity. After one school term, application for membership may be made through a member of the fraternity.

K A P P A  
S I G M A  
P H I

# $K \Sigma \Phi$



## First Row:

Kenvork Agop  
George Allen  
Arvid Anderson  
Daniel Barry  
Robert Bass

## Second Row:

Gene Bednar  
Ronald Burton  
Alex Demeter  
Larry Dranchak  
Donald Drung

## Third Row:

Ronald Fulater  
Anthony Gomes  
Adnan Halabi  
Khaleo Hassen  
Robert Higgins

## Fourth Row:

Emin Holley  
Colin Holme-Thaw  
Albert Hradsky  
Louis Iacona  
Igor Jaremenko

## Fifth Row:

Donald McCoy  
John Meanor  
Charles Murphy  
Frederick Nowotarski  
Joseph Oddo

## Sixth Row:

Edward Oudt  
William Patterson  
Silvia Patti  
Bernard Rome  
Smith Saify

## Seventh Row:

Thomas Sauve  
Donald Scher  
Karl Schwartz  
Rein Teoste  
Bernard Zegaroski  
Mr. Marshall

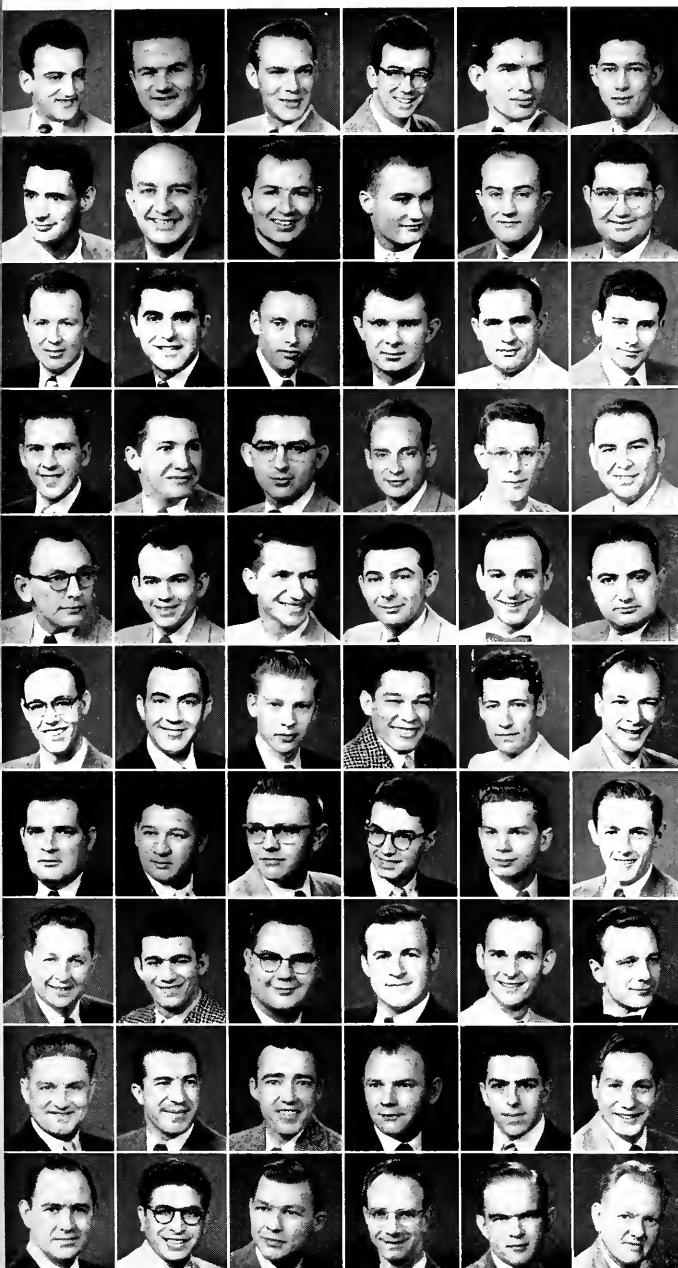


Top: Food informal style at Eastern  
Council convention here  
Bottom: Music added to the tempo

Sigma Phi Delta is an International Social Professional Fraternity of Engineers. It has as its object: the promotion of the advancement of the Engineering Profession; the fostering of the advancement of Engineering Education; the instilling of a greater spirit of cooperation among Engineering students and organizations; the inculcation in its members of the highest ideals of Christian manhood; good citizenship; obedience to law, and brotherhood; and the encouragement of excellence in scholarship.

S I G M A  
P H I  
D E L T A

$$\sum \Phi \Delta$$



**First Row:**

Steven Adams  
Guy Belanger  
Glen Brackney  
Roy Calcagno  
Ralph Case  
Carlton Coen

**Second Row:**

Harold Coffman  
Norman Connell  
Jack Conway  
David Craven  
James Craven  
William Crouch

**Third Row:**

Donald Daddow  
Michael Dillon  
Wayne Erikson  
Joseph Fallon  
Carmelo Ferrario  
Richard Filarsky

**Fourth Row:**

Eugene File  
William Hambrock  
Paul Hancock  
Harold Hayes  
Bernard Heyl  
Ronald Hughes

**Fifth Row:**

Walter Jankowski  
William Jones  
Warren Koller  
Theodore Kish  
Clifton Kramer  
George Lazinsky

**Sixth Row:**

Harold Lee  
Patrick Marron  
Donald Meagher  
Edwardo Melodia  
George Murray  
Robert McMaken

**Seventh Row:**

Paul Norman  
Joe Perez  
Harry Peterson  
Maurice Poling  
Dean Purdy  
Francis Robbins

**Eighth Row:**

Donald Rogers  
Frank Ruggiero  
Richard Scheider  
Vernon Sorenson  
James Spitzer  
Marilyn Stone

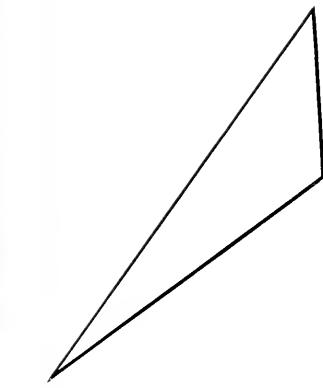
**Ninth Row:**

Marion Stults  
Huss Sway  
Carl Thompson  
Leonard Tonn  
Edwin Turansky  
John Turo

**Tenth Row:**

V. G. Vaden  
Arnold Valencia  
Earle Walker  
John Wright  
Mr. Dora  
Mr. Melton





# B A S K E T B A L L

Where's the ball?



COACH MURRY MENDENHALL

The 1954-55 season was the most successful in the history of basketball at Indiana Technical College. The frequency of winning and improvement of attendance at the games testified to the success. Never before has a Tech team shown a record even close to the 13 won-6 loss record turned in by this team.

Coach Murray Mendenhall summed it up when he

# A T I N D I A N A T E C H

said, "We have some good boys this year. The team is balanced, and they play as a team."

No opponent was able to beat the Tech Warriors more than once during the season. Tech, however, defeated two of its rivals twice during the season: Tri-State and Concordia. The Warriors had two winning streaks; the first was four in a row, and the second was six in a row.

Next year holds promise of another good season, as all the regulars of this season's team should be returning and playing together once again.

Kneeling, left to right: Phil Gustin, Max Baumgardner, Boyd Byerly, Keith Mendenhall. Second row: Dale Graft, Grayston Witmer, James Keyes, Thomas Gillie, Donald Rudolph, Donald Bode, Samuel Lewis.



# OUR SCHEDULE AND ALSO

## THE SEASON'S SCORES

Date	Their score	Opponent	Our score
Nov. 20 . . . . .	97	Anderson . . . . .	83
Dec. 1 . . . . .	65	*Earlham . . . . .	94
Dec. 4 . . . . .	75	Taylor . . . . .	83
Dec. 7 . . . . .	93	Defiance . . . . .	88
Dec. 9 . . . . .	54	*Tri-State . . . . .	73
Dec. 14 . . . . .	76	*Franklin . . . . .	81
Dec. 29 . . . . .	72	Oakland City . . . . .	81
Dec. 30 . . . . .	81	Vincennes . . . . .	89
Jan. 7 . . . . .	76	*Oakland City . . . . .	73
Jan. 8 . . . . .	55	Concordia . . . . .	82
Jan. 15 . . . . .	86	*Vincennes . . . . .	81
Jan. 20 . . . . .	79	*Defiance . . . . .	82
Jan. 22 . . . . .	82	Huntington . . . . .	90
Jan. 27 . . . . .	85	*Anderson . . . . .	92
Feb. 4 . . . . .	66	*Bluffton . . . . .	111
Feb. 8 . . . . .	87	Tri-State . . . . .	89
Feb. 11 . . . . .	60	*Concordia . . . . .	77
Feb. 15 . . . . .	87	*Huntington . . . . .	85
Feb. 19 . . . . .	83	*Manchester . . . . .	70
	1459	Totals . . . . .	1604

\*Home games

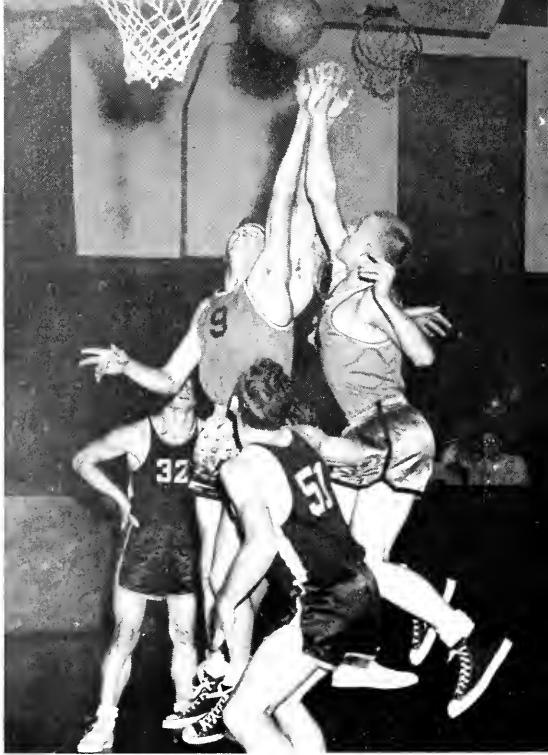
## INDIVIDUAL SCORING

Player	Field goals	Free Scored	Throws Missed	Fouls	Total Points
Bode . . . . .	118	46	50	61	282
Byerly . . . . .	76	62	31	47	214
Lewis . . . . .	87	32	18	61	206
Baumgardner . . . . .	69	65	31	57	203
Graft . . . . .	64	41	36	48	169
Rudolph . . . . .	58	37	14	39	153
Gillie . . . . .	51	49	29	63	151
Mendenhall . . . . .	43	43	45	51	129
Keyes . . . . .	27	10	4	27	64
Witmer . . . . .	6	3	0	6	15
Carnes . . . . .	4	2	0	2	10
Powell . . . . .	2	0	0	1	4
Fryler . . . . .	1	1	1	1	3
Van Meter . . . . .	0	1	0	0	1
Gustin . . . . .	0	0	2	1	0
Totals . . . . .	606	392	261	465	1604



# SCOREBOARD

Jump up



Graft and Bode go high for rebound under Tech basket during Franklin game.

DALE GRAFT

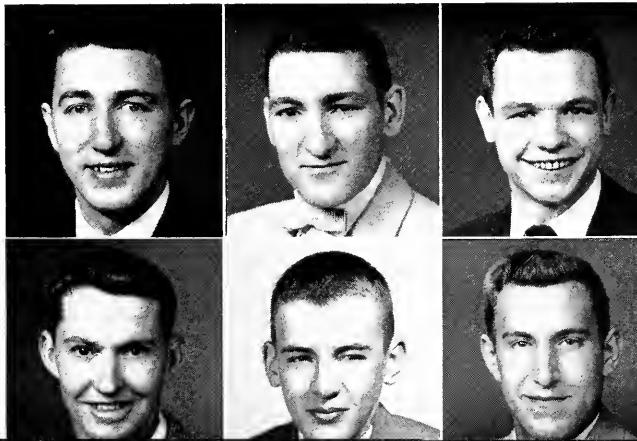
MAX BAUMGARDNER

BOYD BYERLY

TOM GILLIE

CARL BODE

DON RUDOLF





The Bulging Boiler

# THE BATTLE OF THE

Opening Jump up



The Bulging Boiler, presented by Dr. Planck in 1949, has been symbolic of the basketball rivalry between Tri-State College and Tech. By winning the 1949 game, Tech had possession of the Boiler for one year, after which Tri-State took it to Angola and retained possession for four years.



Will it come through?

## B U L G I N G   B O I L E R

The battle for the Bulging Boiler this year took place at Angola on February 8th. After playing on even terms the first half, the Warriors fell behind 11 points in the third quarter before rallying to tie the score at 83-83 at the end of regulation time.

The excitement was climaxed when in overtime the Warriors scored six consecutive points and held Tri-State to four points the remaining minutes to win 89 to 87 and bring the Boiler back home.

Coach Mendenhall Receives the Boiler



# G O L F

Tech's golf team was well-represented during the '55 season under the coaching of Prof. Ben Dow. The only match lost was the first one of the season to Taylor University on their home course at Upland, Indiana. The return match, however, resulted in a victory for the Tech swingers. Competition was keen for the first five po-

sitions on the team. The number one position was filled by Dick Crider who also did a fine job as team captain. Dick will be back for another season next year as well as Howard Hall, Clyde Johnson, Bob Wright, Pete Chang, and Bill Crouch. V. G. Vaden did a fine job in playing number two position, and his graduation will be a big loss to the team.

Dick Crider, Captain



V. G. Vaden, No. 2 Man



## SUMMARY OF MATCHES

Tech . . . . .	5;	Taylor . . . . .	7
Tech . . . . .	24;	Concordia . . . . .	6
Tech . . . . .	21;	Tri-State . . . . .	9
Tech . . . . .	20;	Taylor . . . . .	10
Tech . . . . .	12;	Tri-State . . . . .	12
Tech . . . . .	24;	Concordia . . . . .	6
Total . . . . .	106;	Total . . . . .	50

## INDIVIDUAL SCORING

	Crider	Vaden	Johnson	Hall	Chang	Crouch	Wright
Taylor . . . . .	96	94	93	96			
Concordia . . . . .	83		93	93	98	104	93
Tri-State . . . . .	94	95	93	100			90
Taylor . . . . .	83	90	90	94			93
Tri-State . . . . .	90	94	97				
Concordia . . . . .	87	90	83	94	91		

Front kneeling: Donald Berger,  
Richard Crider, V. G. Vaden.  
Standing: Robert Wright, Peter  
Chang, Howard Hall, Clyde  
Johnson, Mr. Ben Dow, Advisor.



# B A S E B A L L

Seasholtz drives to left



COACH MENDENHALL



The Tech baseball team this year turned in a record of more wins than losses—the first this has been done for several seasons. Some timely hitting and good clutch pitching were responsible for the team's success. The Defiance College team was the only one which could defeat the Warriors twice.

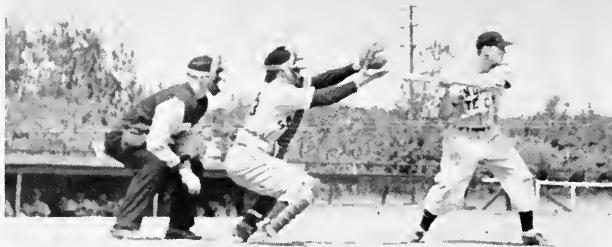
# A T I N D I A N A T E C H

## SEASON'S SCHEDULE

Date	Tech score	Opponent	Opp. score
April 6 . . . . .	7;	Huntington . . . . .	8
April 16 . . . . .	1;	Manchester . . . . .	17
April 23 . . . . .	4;	Tri-State* . . . . .	1
April 28 . . . . .	1;	Anderson . . . . .	5
April 29 . . . . .	6;	Defiance . . . . .	8
April 30 . . . . .	7;	Huntington* . . . . .	5
May 2 . . . . .	9;	Franklin* . . . . .	8
May 12 . . . . .	4;	Defiance* . . . . .	12
May 14 . . . . .	1;	Manchester* . . . . .	0
May 14 . . . . .	3;	Manchester* . . . . .	2
May 17 . . . . .	6;	Anderson* . . . . .	4

Left to right, front row: Dave Craven, Marilyn Stone, Clarence Novak, Vern Rude, Tom Gillis, Bob Ewen, Warren Keller, Max Baumgardner. Second row: John Host, Bob Hornyak, Keith Thompson, Ted Kurek, Bob Davidson, Gerald Blackwell. Back row, standing: Coach Mendenhall, Dave Seeholtz, Jack MacKenzie, Jim Winters, Allen Jackson, Carl Bode.





Waiting for the pitch

### PITCHING RECORDS

Name	G	IP	SO	BB	W	L	Avg.
Keller . . . . .	5	20	11	9	2	1	.666
Winters . . . . .	3	20	12	13	2	1	.666
Bode . . . . .	6	33	26	33	2	2	.500
Hornyak . . . . .	3	7	2	5	0	0	.000
Blackwell . . . . .	1	2	1	1	0	0	.000
Kurek . . . . .	1	1	0	2	0	0	.000
Jackson . . . . .	2	9	7	9	0	1	.000

### INDIVIDUAL BATTING RECORDS

Name	G	AB	R	H	RBI	Avg.
Ewen . . . . .	9	33	6	15	12	.434
Davidson . . . . .	3	8	2	3	0	.375
Keller . . . . .	10	28	4	9	5	.321
Nayonis . . . . .	10	22	2	7	3	.318
Blackwell . . . . .	10	35	7	9	0	.250
Bode . . . . .	9	25	6	6	3	.240
Baumgardner . . . .	8	27	8	6	2	.222
Gillie . . . . .	10	30	3	5	3	.166
Hornyak . . . . .	7	6	2	1	0	.166
McKenzie . . . . .	10	33	5	5	5	.151
Stone . . . . .	8	14	0	2	0	.147
Jackson . . . . .	5	7	0	1	0	.147
Seasholtz . . . . .	5	7	2	1	0	.147
Winters . . . . .	3	7	0	1	1	.147
Roahrig . . . . .	7	22	1	2	5	.091
Craven . . . . .	7	15	1	1	1	.066
Host . . . . .	3	5	0	0	0	.000
Kurek . . . . .	2	5	0	0	0	.000
Thompson . . . . .	2	2	0	0	0	.000
Rudolph . . . . .	1	1	0	0	0	.000
Yelamo . . . . .	1	1	0	0	0	.000



## EVENTS OF THE SEASON

Nayonis cuts



Keller fires

Field Action



Nayonis in time at first





Left to right, front row: Lloyd Wadekamper, Richard Lung, Roy Wooldridge. Back row: Steve Csencsitz, Al Freyler, Gene Peotter, Dave Seasholtz.

## INTRAMURAL

Over eighty students participated in the intramural basketball program directed by Mr. Baggot. Each department of the college was represented by a team in the season's play.

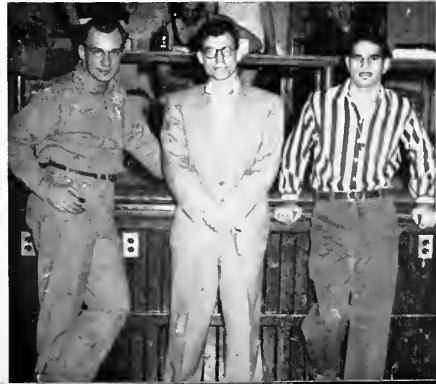
The Electrical Department team won the first half of the league schedule and were undefeated in so doing. The Aeronautical Department team duplicated this feat to win the second half as the Electricals lost only one game—that, of course, to the Aeros.

In the play-off game for the school championship, the Aero team convincingly defeated the Electrical team by a score of 34 to 21.

Seasholtz blocks & fouls



Intramural Officials: Ted Denning, Mr. Harold Baggott, Advisor; and Bob Davison.





Left to right, front row: Francis Trahan, Bob Casey, Elwood Laakso, Jack Weyler. Back row: Howard Davis, Paul Hershey, Bob Malchow, Dick Filar斯基.

# B A S K E T B A L L

## SEASON'S RESULTS

First Half	W	L	Second Half	W	L
Electrical . . . . .	5	0	Aero . . . . .	5	0
Civil . . . . .	3	2	Electrical . . . . .	4	1
Mechanical . . . . .	3	2	Radio . . . . .	3	2
Aero . . . . .	2	3	*Chemical . . . . .	1	3
Radio . . . . .	2	3	Mechanical . . . . .	1	4
Chemical . . . . .	0	5	*Civil . . . . .	0	4

(\*Did not play final scheduled game by mutual agreement)

Vice all alone



Freyler reaches



# B O W L I N G

The Bowling Club during the past year sponsored a 14-team, American Bowling Congress sanctioned, league. This is the largest number of teams the league has had since bowling became an intramural sport at Tech.

Kappa Sigma Phi team won the first half championship, and Radio team won the second half championship. With an overwhelming score of 2792 to 2516, including handicap, Kappa Sigma Phi won the school championship.

At the end of season party, the following awards were made:

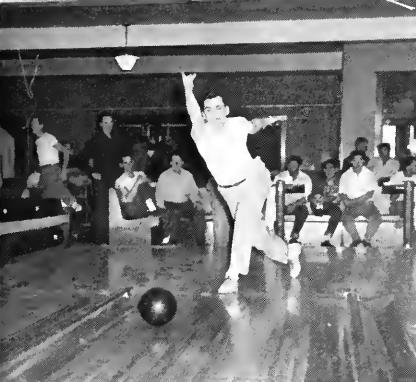
Members of the winning team received the school intramural award, A. B. C. championship award, and club trophies.

First, second, and third high average trophies to James Craven, David Craven, and Edward Klodzen, respectively.

First, second, and third high triple awards to Mr. Joseph Dors, Robert Nishida, and Robert Masson, respectively.

First row, seated left to right: John W. Bolam, David E. Craven, Russell S. Smith, Mr. Robert R. Marshall, Marion B. Stults, James K. Spitzer. Second row, standing: Donald Rogers, Earl Ogawa, James Takakura, Dan Bilodeau, Bernard E. Heyl, Eduardo A. Mellado, C. K. Mathew. Third row, standing: Tom Kifano, Yasutoshi Takushi, Carrel R. Marshall, Wayne Hogg, Enrique J. Padilla, Ruben Trujillo. Fourth row, standing: Jack Shumsky, Robert H. Masson, Charles S. Szili, D. R. Drung, L. M. Iacona, F. J. Klodeen, James H. Torbett.





Russell Smith and WHAT FORM



Most Improved Bowler, James Spitler

First, second, and third high single game trophies to Charles Szili, Robert Borne, and Robert Nishida, respectively.

Most strikes trophy to James Craven.

Most spares trophy to Richard Mann.

Most splits made trophy to Edward Klodzen and Marion Stults, tied.

Most splits award to James Takakura.

Most gutter balls trophy to Earl Ogawa; second consecutive year!

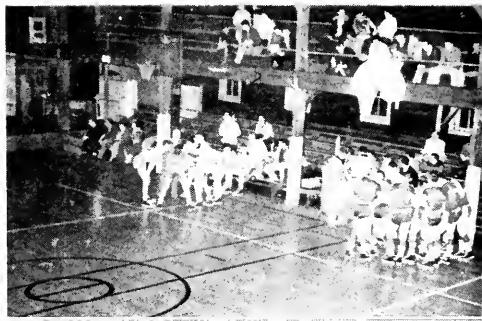
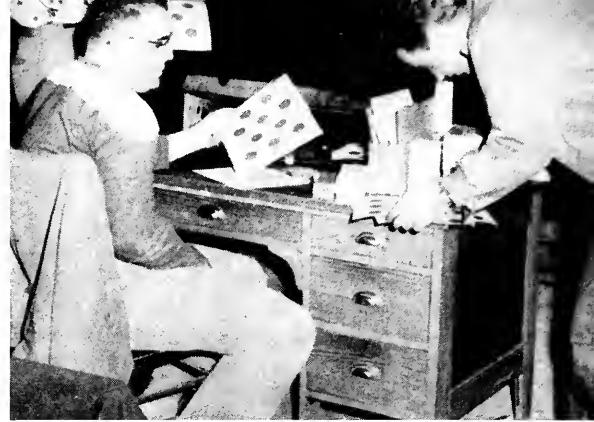
Most improved bowler, A. B. C. Achievement Award, to James Spitler.

Past-Presidents' (of Bowling Club) Sportsmanship Trophy to Joseph Cruse.

Perfect attendance awards to Joseph Cruse, Joseph Oddo, Richard Mann, Mr. Joseph Dors, Robert Nishida, Earl Ogawa, William Tummey, James Craven, Willard Cunningham, Walter Jankowski, Orville Kyler, and Marion Stults.



Kappa Sigma Phi Championship team, l-r, Louis Locana, Charles Szili, Orville Kyler, Capt., & Paul Gardvine. Not pictured, William Tummey.



Sports

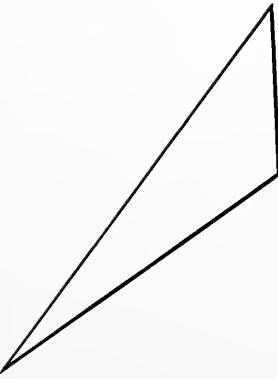








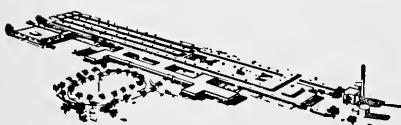
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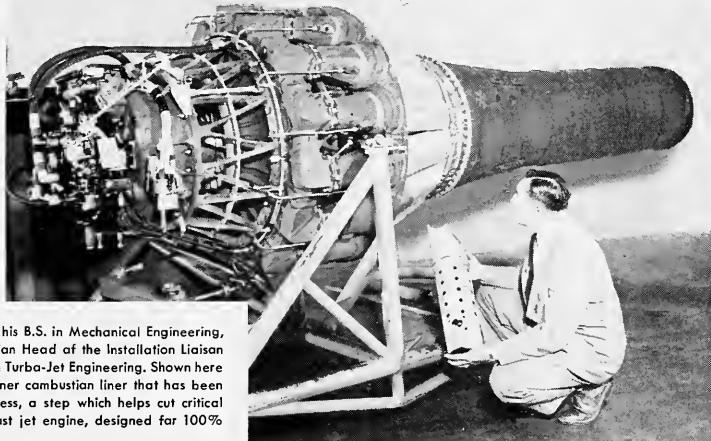


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# MISSILE

Power Plant Development



W. S. "Gus" Bruffitt, who received his B.S. in Mechanical Engineering, U. of Kentucky in 1938, is now Section Head of the Installation Liaison and Engineering group of the Allison Turbo-Jet Engineering. Shown here by a J33-A-37, he is holding an inner combustion liner that has been through the aluminum dipping process, a step which helps cut critical materials in this high speed, low cost jet engine, designed for 100% reliability.

● The Allison jet powered USAF B-61 Martin Matador is the country's first operational ground-to-ground pilotless bomber. And, it's the first such missile to be sent overseas for duty.

The B-61 engine—an Allison J33-A-37—is based on the proven Allison centrifugal flow engine. This engine has accumulated more than 2½ million hours of flight in such aircraft as the Lockheed F-80 Shooting Star, the T-33 Trainer, F-94 Night Fighter, and in the Grumman F9F Panthers and the Cougars!

In 1950, Allison undertook the project of engineering and developing a 5-hour, low-cost, expendable jet engine for the Glenn L. Martin Co. which was under contract with the Air Force. The missile assignment made it necessary for Allison to design a J33 model—incorporating reduced material, manufacturing and testing costs—and still maintain a 100% reliability.

The concentrated efforts of Allison engineers resulted in an 85% reduction of critical materials in missile engines in comparison with the similar centrifugal flow engines built for piloted aircraft.

An aluminum dipping process, developed by Allison engineers—in cooperation with General Motors Research—helped materially in reduction of critical materials. This process was used on inner combustion liners and permits using a low alloy steel in place of highly critical material. The aluminum dipping process affords corrosion protection, and still enables the liners to withstand high combustion temperatures. First to use aluminum dipping equipment on large parts, Allison now uses the process on turbine engines scheduled for piloted aircraft.

The missile power plant project is another example of the variety of problems handled by Allison engineering. Because Allison is continually doing pioneer work in advanced engineering developments, we need more technically trained men, especially young graduate engineers. Want to know more about your engineering future at Allison? Write now for information:

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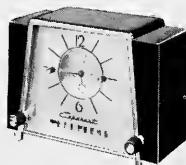
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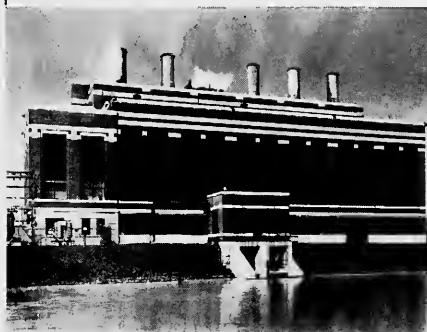
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## B. S. A. E.

Appenfeiler, Russell N., 1949 . . . . .	Kansas
Bartolomeo, Dante E., 1943 (BSCE, 1947) . . . . .	Massachusetts
Brickhard, Jack L., 1948 . . . . .	Kansas
Brewer, Roger P., 1942 . . . . .	Ohio
Burton, Robert O., 1943 . . . . .	California
Candler, Leonard, 1945 . . . . .	Washington
Ceccarelli, John F., 1942 . . . . .	New York
Chaaapel, Robert R., 1950 . . . . .	Pennsylvania
Cosner, Norman D., 1942 . . . . .	Michigan
Forrest, C. L., 1943 . . . . .	New York
Goulet, Jean L., 1949 . . . . .	California
Greenawalt, James W., 1950 . . . . .	Pennsylvania
Greenberg, George S., 1954 . . . . .	New Jersey
Hampshire, William J., 1947 . . . . .	Ohio
Hazard, William S., 1942 . . . . .	Ohio
Kiracofe, Joseph F., 1938 . . . . .	California
Krasienko, Henry, 1936 . . . . .	New York
Krout, Elwood J., 1954 . . . . .	Connecticut
Nierenberg, Byron, 1938 . . . . .	New York
Rice, George F., 1937 . . . . .	California
Washington, Wayne R., 1947 . . . . .	New York
Weaver, Donald E., 1954 . . . . .	Indiana
Venesky, Bernard M., 1949 . . . . .	Pennsylvania
Yrabel, Robert J., 1950 . . . . .	Texas

## B. S. C. E.

Aiarcon, Edgar Leonardo, 1954 . . . . .	Venezuela
Alvea, Richard R., 1953 . . . . .	Ohio
Amick, Charles B., 1949 . . . . .	Indiana
Arndt, Delbert L., 1951 . . . . .	Indiana
Ashton, Howard E., 1940 . . . . .	?????????
Constantin, Babu L., 1954 . . . . .	Indiana
Ball, Clyde, 1952 . . . . .	California
Blessing, James G., 1949 . . . . .	Ohio
Boniface, Joseph V., 1951 . . . . .	Maryland
Chin, Isaac J., 1951 . . . . .	Netherlands Antilles
Clark, Robert H., 1953 . . . . .	New York
Davis, R. S., 1949 . . . . .	Pennsylvania
Diamond, Louis J., 1943 . . . . .	Massachusetts
D'Pirro, Joseph A., 1951 . . . . .	New York
Dolgos, Frank J., 1950 . . . . .	New York
Dowling, Lt. T. P., 1951 . . . . .	U. S. Army
English, Edgar S., 1954 . . . . .	Delaware
Eyrearat, Grant C., 1950 . . . . .	California
Fogel, Irving M., 1954 . . . . .	Indiana
Golley, Michael J., 1951 . . . . .	Pennsylvania
Gerly, Franklin E., 1949 . . . . .	Pennsylvania
Hawk, Raymond L., 1951 . . . . .	Indiana
Hedke, Paul J., 1953 . . . . .	California
Heller, Paul C., 1948 . . . . .	Tennessee
Hicks, Thomas A., 1950 . . . . .	Missouri
Hirozawa, Minoru, 1948 . . . . .	Hawaii
Hoetzer, E. M., 1934 . . . . .	Indiana
Jagemann, Walter W., 1952 . . . . .	New York
Johnis, Paul, 1951 . . . . .	Massachusetts
Johnston, W. M., 1952 . . . . .	Minnesota
Koppenhafer, H. H., 1934 . . . . .	California
Lapham, H. Dale, 1949 . . . . .	Iowa
Larson, Edward W., Jr., 1943 . . . . .	California
Leeper, James T., 1935 . . . . .	Pennsylvania
McMahon, Edmund J., 1954 . . . . .	Iowa
McSherry, Jack L., Jr., 1952 . . . . .	Pennsylvania
Milton, Walter P., 1952 . . . . .	Wisconsin
Mudd, Thomas, 1952 . . . . .	Ohio
Nichols, L. C., 1949 . . . . .	Tennessee
Parrott, Frank H., Jr., 1949 . . . . .	California
Pelon, Raymond C., 1945 . . . . .	Michigan
Plossl, Roger J., 1950 . . . . .	New York
Prokai, F. C., 1951 . . . . .	Canada

Pouison, William A., 1941 . . . . .	Ohio
Powers, Raymond J., 1951 . . . . .	California
Ridgway, Edward W., 1950 . . . . .	Pennsylvania
Ruest, Lucien J., 1948 . . . . .	Michigan
Scott, Henry B., 1954 . . . . .	Indiana
Sinemus, Herman A., 1948 . . . . .	Indiana
Singer, J. Robert, 1949 . . . . .	Ohio
Stamos, James C., 1947 . . . . .	Connecticut
Strat, Joseph Eli, 1934 . . . . .	Pennsylvania
Taylor, Glen M., 1954 . . . . .	Ohio
Toews, Harry J., 1939 . . . . .	Pennsylvania
Tryon, Phillip, 1954 . . . . .	New Mexico
Vanderlyn, Robert D., 1951 . . . . .	Maryland
Wanzie, Albert F., 1940 . . . . .	Pennsylvania
Watanahe, Masao, 1954 . . . . .	Hawaii
Woodbury, Alfred T., 1945 . . . . .	California
Yamada, James S., 1950 . . . . .	Hawaii

## B. S. Ch. E.

Cahalane, Robert W., 1949 . . . . .	Ohio
Carr, Roger G., 1950 . . . . .	Illinois
Dickmann, John F., 1945 . . . . .	Oklahoma
Drews, Melvin H., 1942 . . . . .	Iowa
Gaggino, Reginald V., 1952 . . . . .	Ohio
Galleny, Joseph J., 1947 . . . . .	Canada
Haskins, James B., 1948 . . . . .	Saudi Arabia
Howard, Denver C., 1948 . . . . .	Ohio
Iwen, Albert C., 1954 . . . . .	Wisconsin
Koos, Richard A., 1950 . . . . .	Indiana
McAloan, Robert W., 1939 . . . . .	New Jersey
Rehme, Elmer W., 1934 . . . . .	Ohio
Thomas, Gabriel S., 1954 . . . . .	Syria
Thursby, Norman G., 1939 . . . . .	Michigan
Wood, William C., 1949 . . . . .	New York
Yep, William, 1942 . . . . .	New York

## B. S. E. E.

Althouse, Charles F., 1942 (also BSRE) . . . . .	California
Ankrum, Paul D., 1935 . . . . .	New York
Baker, Clarence L., 1940 (also BSME) . . . . .	New Mexico
Barton, Joseph F., 1951 . . . . .	Pennsylvania
Bechel, Homer L., 1954 (also BSRE) . . . . .	California
Benedict, Henry F., 1947 . . . . .	Massachusetts
Bishop, Harold W., 1935 . . . . .	Indiana
Chin, Theodore W., 1948 . . . . .	New York
Conte, Edward A., 1952 . . . . .	New York
Cook, Vernon C., 1948 . . . . .	California
Emery, Ronald C., 1952 . . . . .	Indiana
Evans, Lody E., 1949 (also BSRE) . . . . .	Virginia
Finnegan, Edward J., 1952 . . . . .	New York
Geist, William H., 1934 . . . . .	Indiana
Gerlach, Francis H., 1936 . . . . .	Ohio
Grigsby, Dale A., 1942 . . . . .	Indiana
Hall, W. Donald, 1949 (also BSRE) . . . . .	Virginia
Hanuschak, Michael, 1938 . . . . .	Ohio
Hart, Eugene, 1951 . . . . .	Kansas
Hermosillo, Alfredo, 1946 . . . . .	California
Hickey, James B., 1950 . . . . .	New York
Hiraoka, Fred A., 1946 (also BSRE) . . . . .	California
Jundt, John E., 1953 . . . . .	Rhode Island
Klein, Eugene W., 1949 . . . . .	Ohio
Koczt, Julius, 1947 . . . . .	New York
Landan, Robert M., 1943 . . . . .	Washington, D. C.
Lastanskas, Daniel A., 1951 . . . . .	?????????
Maisel, Edward F., 1950 . . . . .	Indiana
McDonald, Walter J., 1952 . . . . .	Virginia
Mengani, Carl, 1949 . . . . .	New York
Michelsen, John E., 1951 . . . . .	California
Neuhouser, Donald, 1948 . . . . .	Michigan
Nuss, Raymond J., 1951 (BSRE, 1952) . . . . .	Ohio

Parks, K. B., 1940	New Jersey
Ricketts, Roy L., 1948	Kentucky
Robinson, William P., Jr., 1939	Pennsylvania
Smith, Earl L., 1933	Ohio
Sprague, Floyd, 1949	Michigan
Stauffer, George D., 1935	Indiana
Stinson, Donald E., 1952	Indiana
Stoner, Virgil R., 1949	Indiana
Stoughton, Gerald D., 1935	Indiana
Taylor, William L., 1953	Delaware
Tedeschi, Anthony, 1951	Missouri
Thornburg, Harry S., 1948	Ohio
Tilford, P. A., 1942	Indiana
Traylor, LeRoy, 1954	Ohio
Tullo, Augustus P., 1954	New York
Wasavage, Joe A., 1947	Pennsylvania
Webler, Roy F., 1953	Massachusetts
Wolff, Harry R., 1936	Indiana
Wright, Walter L., 1934	Michigan
Yeailey, Glen E., 1937	New Jersey

### B. S. M. E.

Antico, John P., 1949	Pennsylvania
Babvak, Andrew H., 1949	Pennsylvania
Bateman, Gordon C., 1951	Michigan
Bath, Clifford K., 1949	Pennsylvania
Brown, Arthur F., 1948	Ohio
Clas, William C., 1950	New York
Dillard, Don L., 1952	Mississippi
Donaldson, Joseph L., 1948	Ohio
Dumas, Raymond J., 1940	Massachusetts
Ellis, Charles M., 1951	Indiana
Erbe, C. J., 1949	Indiana
Fitzgerald, Cornelius J., 1950	Kentucky
Foley, Robert J., 1949	California
Giunta, Alma H., 1950	Connecticut
Greco, Claudio A., 1949	Pennsylvania
Greco, Samuel D., 1948	Pennsylvania
Griffith, F. D., 1950	Indiana
Habegger, Harvey C., 1948	Indiana
Hall, Lloyd E., 1954	Indiana
Heaston, Gaylord E., 1940	Wisconsin
Hoegler, William C., 1954	New York
Hull, Kenneth, 1939	Illinois
Jackson, George L., 1949	Michigan
Jacob, John H., 1952	Indiana
Jolie, Eugene W., 1951	Rhode Island
Kaneshiro, Carl Kaichi, 1954	Hawaii
Klein, Joseph, 1949	New York
Lee, Robert S., 1948	Ohio
Lowry, Ned E., 1948	Wisconsin
Lundgren, Robert S., 1951	New York
MacInnes, James C., 1940	Pennsylvania
Manca, E. John, 1951	Connecticut
Manrow, Jack F., 1948	Michigan
McGary, Joseph F., 1939	Ohio
McNickle, Lewis Scott, Jr., 1949	Ohio
Mercuro, Salvatore, Jr., 1949	New York
Miller, W. Virgil, 1952	Ohio
Nevenzel, Jay, 1949	Texas
Olmstead, Harvey L., 1954	Kansas
Olson, Everett A., 1947	Nebraska
Perrotti, Patsy J., 1952	Connecticut
Peterson, Walter A., 1954	Virginia

Phillips, Richard L., 1948	Indiana
Ralich, George, 1954	Michigan
Richards, Joseph A., 1953	Delaware
Ridgway, James, 1950	Pennsylvania
Rockenfelder, Don L., 1940	Ohio
Ross, Albert G., 1943	Ohio
Sandalian, Peter G., 1940	Connecticut
Sevcik, Joseph G., 1954	New York
Sherman, W. E., 1949	Texas
Shoulin, Thomas, 1949	Indiana
Sinclair, Bruce A., 1949	Texas
Sipos, Theodore S., 1949	Canada
Sossong, Henry J., 1951	New Jersey
Spear, Forrest L., 1941	Ohio
Spellman, Edsel A., 1953	New Jersey
Spooner, Richard M., 1954	Massachusetts
Sweeney, Russell C., 1954	Maryland
Warren, Elson A., 1950	Indiana
Weller, Edward J., 1950	Colombia, S. A.
Westbrock, Adrian J., 1943	Ohio
Valley, Richard E., 1950	Wisconsin
Zoltani, Charles L., 1949	Pennsylvania

### B. S. R. E.

Bigelow, J. Forrest, 1945	Illinois
Birdsong, Lewis F., 1952	Texas
Chen, Wu, 1954	China
Childers, Frank M., 1949	Florida
Fensler, William E., 1941	Ohio
Fletcher, William B., 1938	New Jersey
Friend, J. L., 1949	California
Gau, Leonard P., 1953	Michigan
Hendrickson, E. E., 1948	Idaho
Hopper, Raymond H., 1949	Tennessee
Kelley, Elton P., 1949 (also BSEE)	Connecticut
Konishi, Masao, 1950	Illinois
Larson, Grant W., 1947	Minnesota
Lee, Murrel D., 1949	North Carolina
Liberatore, Donato F., 1948	New York
Lima, E. J. T., 1948	Indiana
McCullough, Joseph H., 1953	New York
Minatoya, Robert J., 1952	Hawaii
Rice, Keith E., 1949	Ohio
Sanders, Robert, 1937	Indiana
Warren, Wm. Wallace, 1951	Virginia
Wedel, Edwin L., 1952	Texas
Wong, Bing G., 1949	Arizona
Young, Lt. (Jg) Mart E., 1953	California
Yokomoto, Robert K., 1953	Hawaii

### Drafting Diploma

Wakefield, Robert B., 1951	Maryland
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### Others

Bartz, Richard A., 1949	Pennsylvania
Haines, Delmar D., 1954	Ohio
Haner, George, Jr.	Michigan
Holton, S. L.	Massachusetts
Smith, David E., 1951	New York
Sullivan, James E., 1936	Indiana
Williams, Robert P., 1953	Pennsylvania

# *Autographs*

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